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Livingston's 1898

"TRUE BLUE"

SEEDS

STECHER LITH CO. ROCHESTER N.Y.

A.W. LIVINGSTON'S SONS,
Columbus, OHIO.
U.S.A.



A MAGNIFICENT NEW MELON.

LIVINGSTON'S
NABOB
WATERMELON.



PRICE: PKT. 10 CTS; OZ. 20 CTS;
1/4 LB. 60 CTS; 1 LB. \$2.00
POST PAID.

A. W. Livingston's Sons

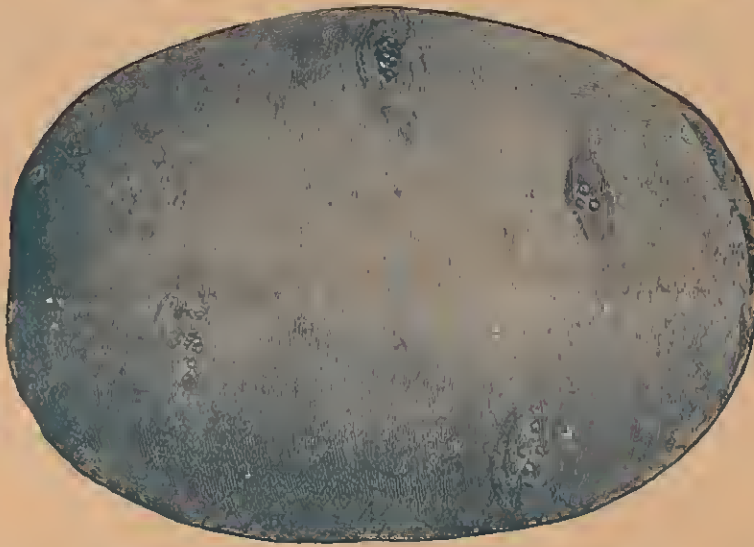
COLUMBUS, OHIO
U.S.A.

Bushels	Quarts	Pints	Pounds	Ounces	Packets	PRICE	
						DOLLARS	CENTS
NAMES OF SEEDS, ETC., WANTED.							

**FOR THE
ACCOMMODATION OF
CUSTOMERS**



We will order for them anything in Seeds offered by other seedsmen, even if only one packet is wanted; simply remit the price named in their Retail Catalogue and state in whose catalogue it was quoted. Frequently we have in store some stocks of nearly all good things offered by others, and can fill orders promptly.



LIVINGSTON'S



Made a great record the past season. Price **WAY DOWN** for 1896, within the reach of all See Novelty List, and be sure to try it this season.

The Space below is for Remarks about your Order, and for Addresses of Market Gardeners or others interested in Seeds, who you think would like to have our Catalogue. Any other Correspondence should be given on a separate sheet.

WE ALWAYS CONSIDER IT A SPECIAL FAVOR TO HAVE CUSTOMERS SPEAK A GOOD WORD FOR US.

A. W. LIVINGSTON'S SONS' ANNUAL

— OF —

“TRUE BLUE” SEED FOR 1896

S EED ORDERING TIME is again at hand, and in presenting our Annual for 1896, we wish to call attention to a few points worthy the serious consideration of every intending purchaser of Seeds. **DOES 50 YEARS' EXPERIENCE MEAN MUCH?** It means dollars to you, if you wish to obtain the advantage of having seeds of undoubted purity and quality, of prompt and liberal treatment. We are qualified in position and so located to serve you. It takes the same watchful care to *keep up* a successful business that it does to *work it up* in the start. We have made a life long study of not only how to supply the *very best* seed produceable, but what is equally important, to *better the condition* of our patrons. **Fellow Producers**, do not become discouraged; the present state of affairs never did continue long at a time and the coming season bids fair to show greater activity in almost every line of business than at any time within the past two or three years. This means work for and money in the pockets of *consumers*, and a demand for *producers'* products. To reap the benefit you need *Good Seed, Good Soil and Good Weather*. We supply the first, you the second, and chances must be taken on the third. Whatever you grow, *grow the best*. The best always sells while the inferior goes begging for buyers.

To those who receive this Annual for the first time: We want your trade; we can serve you well, and we will use our utmost care to please you. Send us a trial order and see how easy it is to trade by mail; *no order is too small or too much trouble*.

To Old Friends: We shall esteem it a great favor if all of our old friends will continue to *lend a hand* in extending the use of **True Blue Seeds** by *speaking a word* for us now and then to their friends. Your past kindnesses have been appreciated. Please accept our thanks and the compliments of a new year.

A. W. LIVINGSTON'S SONS, Columbus, Ohio.

NOTICE TO BUYERS.—By Observing the Following, Mistakes and Misunderstandings will be Avoided:

COLUMBUS, a city of over 125,000 inhabitants, is very centrally located geographically, has sixteen Railroads, five different Express Companies, Telegraph and Telephone wires in all directions, which afford us unequalled facilities for receiving orders, shipping and procuring lowest rates to all parts of the country; besides you have the assurance of getting your orders in the quickest possible time.

Within twenty-four hours' time we can reach two-thirds of the population of the United States.

Always Use the Order Sheet and Envelope sent with the Catalogue, when possible. Write plainly, keep a copy of your order and be sure to sign your Name, Post-office, County and State every time you write to us. We will furnish extra Envelopes and Order Sheets on application.

How to Send Money. Cash should always accompany the order. Remittances may be made at our risk by any of the following methods: (1st and best)—Post-Office Order; (2d)—Draft on New York; (3d)—Express Co.'s Money Order; (4th)—Cash by Express in amounts not less than \$5.00; (5th)—Registered Letters. When money cannot be sent by either of the first four methods it may be enclosed in a Registered Letter. The rates charged for Post-office Orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear the expenses of sending money in either of the above ways.

No Goods Sent C. O. D. Unless cash to the amount of one-fourth the order accompanies the same.

Seeds by Mail. Sending seeds by mail is a very important branch of our business, and we are prepared to fill orders promptly and correctly the day they are received in nearly all cases.

Our Prices. In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn by the quart and pint, and other seeds by the pound and one-fourth pound, you must bear in mind that we pay the postage, unless otherwise noted.

It is Important to order as soon after you get the Catalogue as convenient, then you will have your seeds at hand and for planting when you want them; besides, if you want seeds in large quantities they can be sent by freight very much cheaper than by express. **Small Orders**, however, can often be sent by express as cheaply. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in the matter.

Large Orders. Any Dealer, Market Gardener, Institution or any individual wishing seeds in large quantities, are requested to mail us a list of what they want and we will promptly return it to you with the very

lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantity.

Small Orders. If you only want a single packet, do not hesitate to send for it. We take as much pains to fill small orders promptly and correctly as we do large ones.

We Urge customers to inform us promptly on the arrival of their orders if not in good condition, well packed and filled exactly as ordered; also to report, after growth, the result, more especially if anything proves otherwise than what was expected. We aim to make friends of our customers, and mail orders receive the same attention that customers do over our counters.

Be Free to write us for any information not found in this Catalogue, on a separate sheet of paper from your order, as your letter goes to the general office and your order to mail or other department.

This Catalogue. Please show this Catalogue to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds, who will be glad to get it. We will be glad to send a copy free to any of your friends in this or any other country likely to want seeds. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our Catalogue for next as soon as issued.

Change of Address. If you have changed, or intend to change your address, please let us know, so that we may change it on our books.

Guarantee. Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For all these reasons it is impossible to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions they must be returned at once and the money that has been paid for the same will be returned. We test our seeds before sending them out, and should they fail to grow when properly tested by the customer we will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you can get no better stocks of any seedsman, even though he deceitfully professes to warrant seeds, which frequently covers nothing but the amount paid for the seed. A guarantee from an irresponsible seedsman is of no value whatever.

LIVINGSTON'S NEW NABOB WATERMELON.

NEW, DISTINCT,
BEAUTIFUL.

Last season, after several years of careful selection, we had the pleasure of naming and offering to the public this GRAND NEW WATERMELON.

Uniform in Shape, Size and Color. Unequaled in Beauty and Quality.

BEST OF ALL { For the HOME GARDEN.
For the MARKET GARDEN.
For the SHIPPING TRADE.

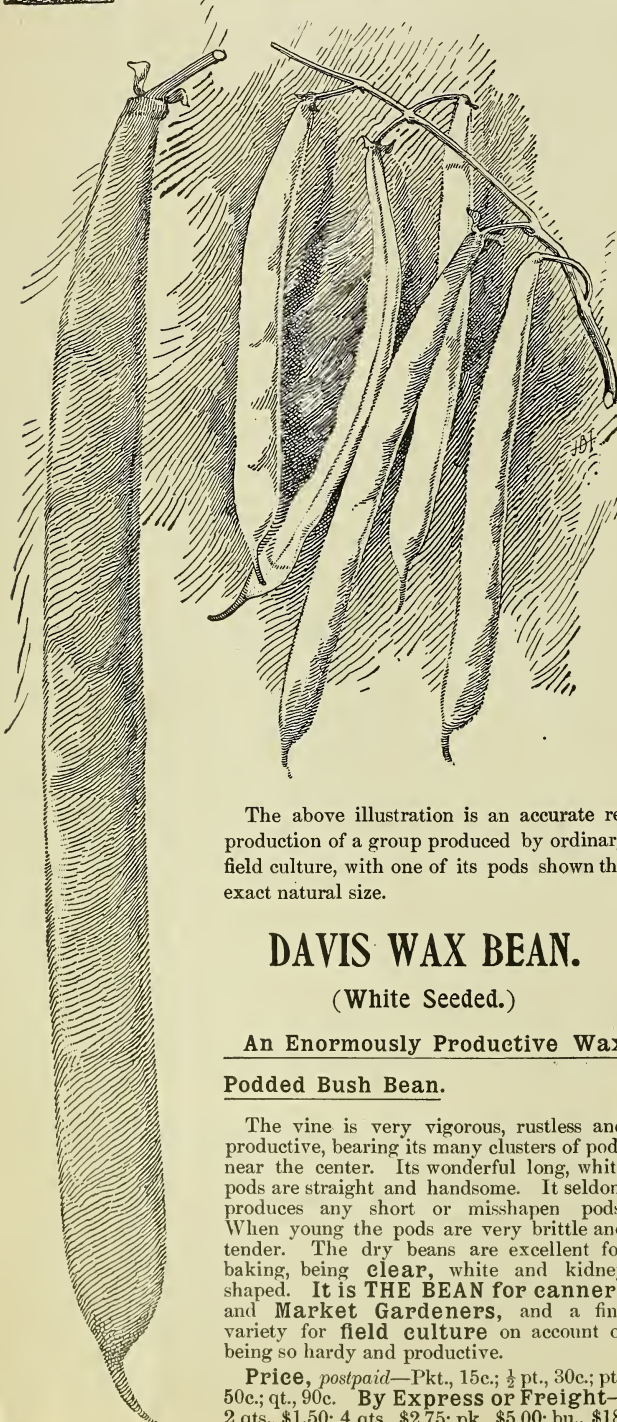
THE WERNER COMPANY, AKRON, O.

DESCRIPTION.—Its hardy vines are vigorous, healthy and productive, its fruit large and heavy (30 to 50 lbs.), resembles the Kolb Gem in shape and uniformity, but differing in color, being attractively and peculiarly mottled, rather than distinctly striped. The rind, although thin, is as firm as some of the winter Squashes. Two average sized men have stood, bearing their whole weight, on a NABOB weighing 30 pounds, without cracking the rind or injuring the melon. The fruit keeps long in good condition and is not excelled in shipping qualities; seeds dark buff or dun color; flesh deepest scarlet, firm and solid, but melting, luscious and of richest flavor. We have had it thoroughly tested on different soils, in various climates and under unfavorable as well as favorable conditions, and all praise its good qualities. Everybody who can grow a melon should try this variety, and large growers need not hesitate to plant it largely. Sold only by packet last season. Price Postpaid—Pkt., 10c.; oz., 20c.; 4 ozs., 60c.; lb., \$2.00; 3 lbs., \$5.00. Special price for larger quantities.

Novelties and Specialties in Vegetables and Flowers.



NOVELTIES are usually the most interesting to customers, no matter how many favorites they may have among the old stand-by varieties. We aim to offer in this department nothing but varieties of real merit and value, and such as are highly endorsed by leading specialists, farmers and growers throughout the country, hence customers are very seldom disappointed in any Novelty we offer. One of the uses to which our Trial Gardens, near this city, are put, is the thorough testing of all new things as soon as offered.



The above illustration is an accurate reproduction of a group produced by ordinary field culture, with one of its pods shown the exact natural size.

DAVIS WAX BEAN.

(White Seeded.)

An Enormously Productive Wax Podded Bush Bean.

The vine is very vigorous, rustless and productive, bearing its many clusters of pods near the center. Its wonderful long, white pods are straight and handsome. It seldom produces any short or misshapen pods. When young the pods are very brittle and tender. The dry beans are excellent for baking, being clear, white and kidney shaped. It is **THE BEAN** for canners and Market Gardeners, and a fine variety for field culture on account of being so hardy and productive.

Price, *postpaid*—Pkt., 15c.; $\frac{1}{2}$ pt., 30c.; pt., 50c.; qt., 90c. By *Express or Freight*—2 qts., \$1.50; 4 qts., \$2.75; pk., \$5.00; bu., \$18.

FREE GRATIS.

Extras. For years past we have sent out with orders from customers, free of charge, for trial, many thousand packets of new and rare Flower and Vegetable Seeds, and expect to keep up this habit as long as reports from same are so satisfactory as they have been. : : : : :

We are always pleased to receive samples of any new, rare or superior Seeds, Potatoes, etc., that our customers may send us for trial.

NEW VALENTINE WAX BEAN.

FIRST IN EARLINESS,
FIRST IN QUALITY,
FIRST IN PRODUCTIVENESS.

An improved Extra Early Valentine Bean, with round **WAX pods**. The type is fixed and shows no disposition to "sport" back. It grows only about 15 inches high, with a strong stock and an abundance of foliage. Said to be without exception the earliest Wax Bean in use. Beans planted on June 18 produce pods four inches long by July 25, and on August 1 half a crop could be picked.

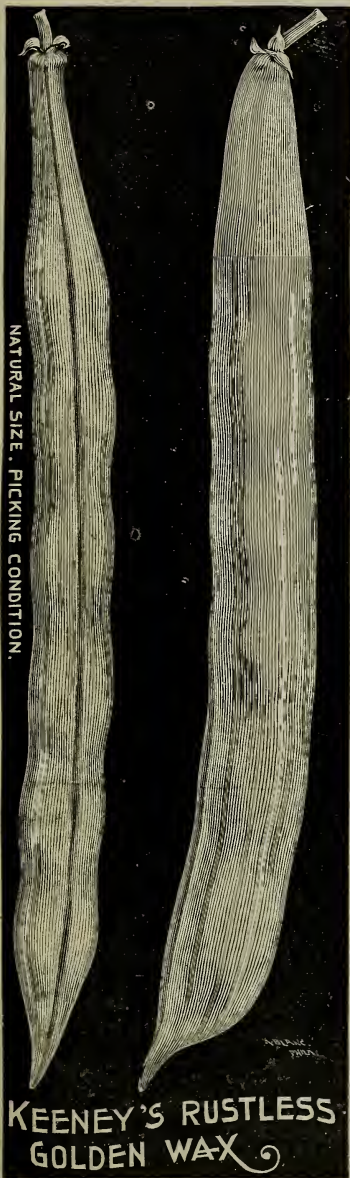
The pods are very meaty, and with so very little string that they may be called stringless. Quality excellent, remarkably free from rust, and remains a long time without becoming tough. Pods are well held up from the ground.

Price, *postpaid*—Pkt., 10c.; $\frac{1}{2}$ pint, 20c.; pint, 30c.; quart, 50c. By *express*—4 qts., \$1.20; peck, \$2.00; bu., \$7.00.



NEW VALENTINE WAX BEAN.

KEENEY'S RUSTLESS WAX BEAN.



KEENEY'S RUSTLESS GOLDEN WAX

THIS new Bean originated with Mr. Keeney, of New York State, who is undoubtedly the most prominent, as well as the most painstaking, Bean grower in the world. He says this is **THE LONG LOOKED-FOR BEAN**, combining hardness and productiveness with fine quality.

We quote below his description:

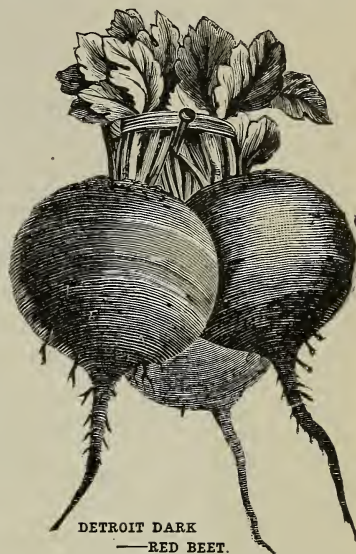
"A strong-growing bush variety of remarkable vigor and freedom from rust. It sends out short tendrils on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable conditions, to 100 to 150 fold.

"The pods are meaty and well filled, thick-flat when young, and semi-round later; of rich yellow color and fine quality, and *entirely stringless*, even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season, and is practically everbearing until frost."

Bean growers have long felt the need of a really Rustless Wax Bean, and this quality alone will entitle it to high rank. It seems a fact, and many of our readers will doubtless bear us out in the statement, that the old-time favorite, the "**Golden Wax**," is not nearly as prolific as was once the case. There is, therefore, a great field for this sort, and we firmly believe, from our examination of the crops the past season, that it will soon take the lead of all dwarf wax varieties.

Price, postpaid—
Pkt., 10c.; $\frac{1}{2}$ pt., 20c.;
pt., 35c.; qt., 60c.

By Express or Freight—4 qts.,
\$1.25; pk., \$2.25; bu.,
\$8.50.



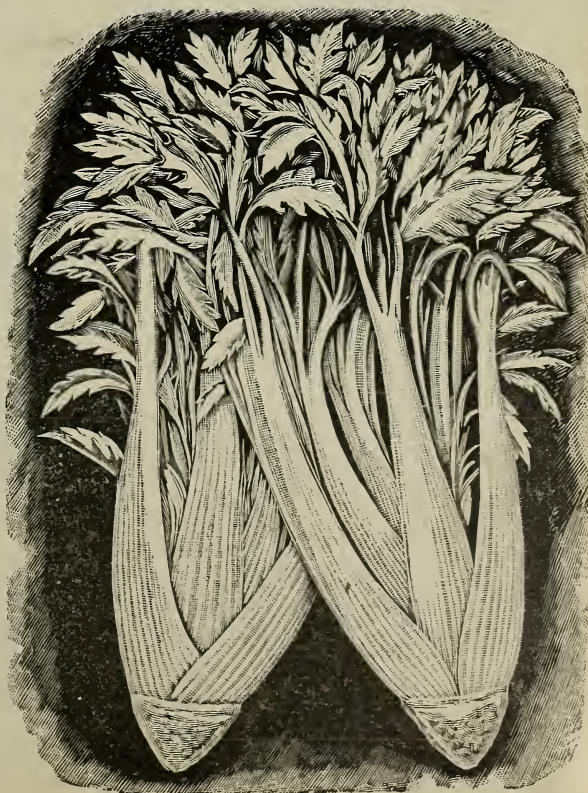
DETROIT DARK
—RED BEET.

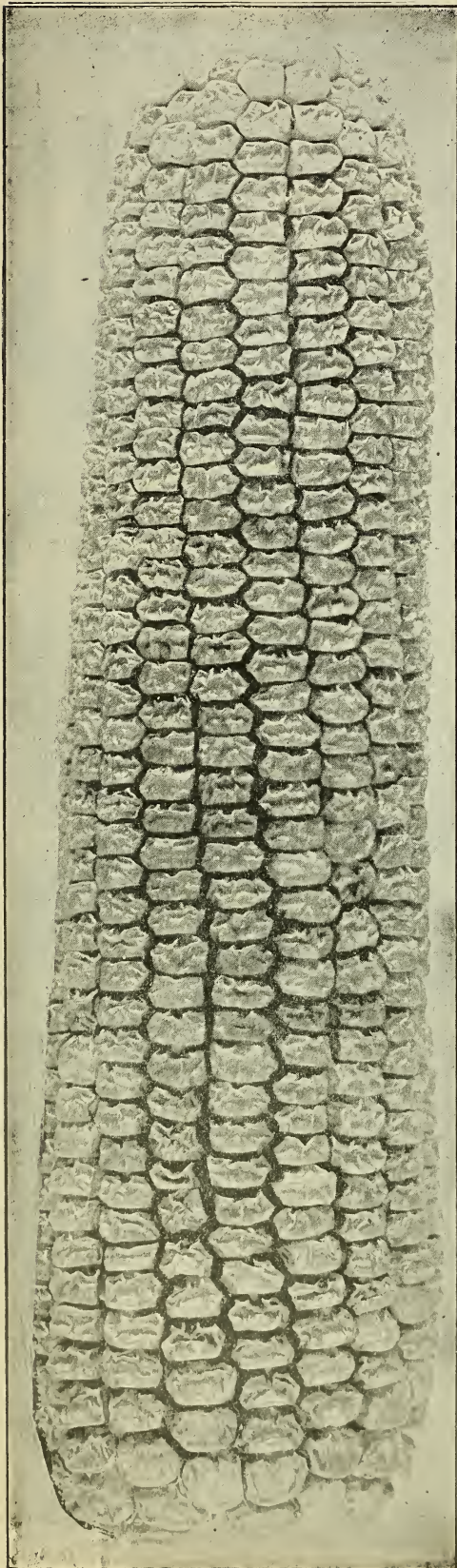
DETROIT DARK RED BEET.

One of the very best turnip-shaped Beets, has small upright growing tops, splendid shape, and in color of skin is dark blood red, flesh being bright red striped, with a still lighter shade of red. Very crisp, tender and sweet. **Price—**Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CELERY—New Pink Plume.

This new variety is practically identical with White Plume, excepting that the stocks of the former are suffused with pink, and possessing the crispness, rich, nutty flavor, and long keeping qualities peculiar to red sorts. The appearance is extremely attractive, and the quality simply perfect. The habit of growth is strong and vigorous, and with no tendency to rust. Its self-blanching qualities are same as White Plume. Our seed is grown from stock furnished by the originator, and is, therefore, right. **Pkt., 10c.; $\frac{1}{2}$ oz., 30c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.**





New Columbus Market Sugar Corn.

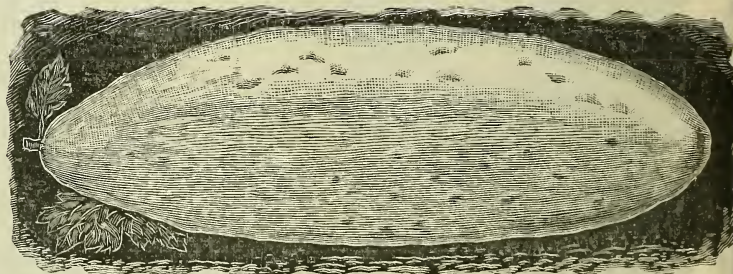
OVER all the multiplied varieties now offered it possesses one great advantage, and that is in its **very large size** for such an **early sort**. It comes into the market with the second earlies, such as Pee and Kay, Shaker's Early, Livingston's Evergreen, but is fully twice as large as any of them. The photograph alongside shows an ear which, when dry enough to shell, was $9\frac{1}{2}$ inches long and yet not an exceptional one. The tips of the ears are often entirely covered over with kernels, the cob is small and easily broken from the stalk. The ears average 16 rows of fine, large, deep white and very sweet grains, which are second to none in tenderness and fine flavor. Were it not for the fact that it is a very prolific sort the seed of Columbus Market must always be sold at a high price, as it is so persistently evergreen as to render it very difficult to cure for seed purposes. The stalk of this variety is also very strong and sturdy, of only medium height, and leaves broad and dark green in color. The Columbus Market makes an excellent succession for our New Hance's Early, and customers will be surprised at the large size and early maturity.

PRICE, Postpaid—Packet, 15c.; $\frac{1}{2}$ pint, 20c.; pint, 30c.; quart, 50c. **By Express or Freight**—Four quarts, \$1.00; peck, \$1.50; bushel, \$4.00.

NEW CUCUMBER.

COOL AND CRISP.

THE illustration herewith reproduced from a photograph accurately represents the rather peculiar shape of this new cucumber. The beautiful green color of this variety is all that can be desired. Excellent for pickling or slicing. **Try it.** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



Special Novelty Collection for 1896.

FOR ONLY \$1.00 We will send, postage paid, one regular-sized packet each of the following 17 splendid New Vegetables: Imperial Tomato, Nabob Watermelon, Cincinnati Market and Golden Dresden Radish, Japanese Climbing Cucumber, Hance's Early Sweet Corn, Black Nubian Pepper, Keeney's Rustless Wax Bean, Detroit Dark Red Beet, Crisp-as-Ice Lettuce, Red Beauty Popcorn, Lupton and Livingston's Ideal Cabbage, Nott's Excelsior Peas, Six Oaks and Rose's Gem Muskmelons, and Golden Hubbard Squash.

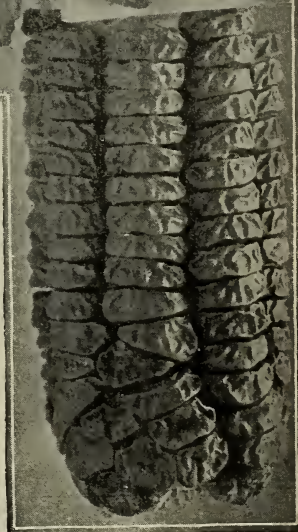
In ordering please mention that you want the "\$1.00 Novelty Collection."
EXTRA—In addition we will send one paper of **CUPID SWEET PEAS**, the greatest novelty of the season.



HANCE'S EARLY SWEET CORN.

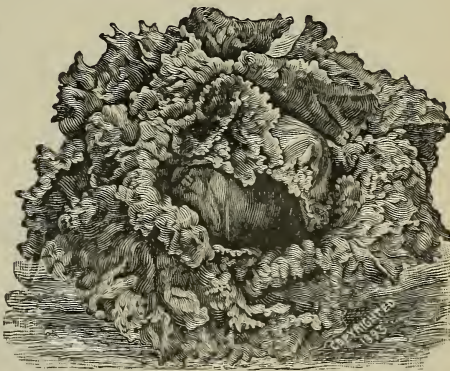
In the spring of 1894, a customer sent us a peck of this corn. From it we gave out a number of samples for trial, and planted the remainder for seed. The crop and trial results were so entirely satisfactory, that we gladly introduced it to our customers last season. The handsome ear is long and shapely, has a small cob well filled with broad white showy kernels. The habit of growth is strong, vigorous and prolific, but not tall. It comes into the market treading closely on the heels of the extra early kinds, but it is so vastly superior that they soon are unsalable.

Last year on account of our small stock, we were compelled to ask a high price for the seed, but owing to its great prolificacy, we this season have a liberal supply and shall give our customers the benefit of low rates. The originator regards it as, by all odds, the most profitable variety in existence for early planting. Beyond all question it is much larger and finer than any other sort of its season. Do not fail to try it for it is a good thing. Price (*postpaid*), pkt., 10c.; pint, 20c.; quart, 35c.; 2 quarts, 60c. *By express or freight*, 4 qts., 60c.; peck, 90c.; bushel, \$3.00.



ICEBERG LETTUCE.

Last season we offered this beautiful Lettuce to our customers, and all so far as heard from are highly pleased and regard it as worthy of universal cultivation. The large curly leaves are of a bright, light green, with a very slight reddish tinge at the edges. The unusual solidity of the heads is insured by the large, white main ribs of the leaves, each of which, curving strongly into the center, acts like a truss, making it impossible for the leaves to open outward and expose the center which is constantly thoroughly blanched. The quality is simply perfect. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



JAPANESE CLIMBING CUCUMBER.

Vines are extra strong and foliage much more vigorous than other kinds, and, being a climbing sort, can be grown on trellises, etc., saving valuable space in small gardens. It is very prolific, from forty to fifty cucumbers having been counted on single plants. Fruit cylindrical, about ten inches long, thick and of fine flavor. Price (*postpaid*), pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; 2 ozs., 25c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.



THE NEW LUPTON CABBAGE.

THE NEW LUPTON CABBAGE.

IN the fall of 1888, a single head of Cabbage was discovered in a field of Excelsior Flat Dutch, which in point of maturity, was several days in advance of any other heads in the patch, and yet was fully as large. Its growth was particularly strong and vigorous; its color a dark bluish green, indicating a robust constitution and healthy development. The stem is short, but strong under the head. The head is a perfect specimen, thick and flat, the outer leaves covering it well across the center, and while it was large, yet was very fine grained.

This plant was carefully saved, and from the seed it produced a small patch was grown the following season. From this patch four perfect specimens were selected for seed purposes. This selection has been kept up until the type of the original head is perfectly secured.

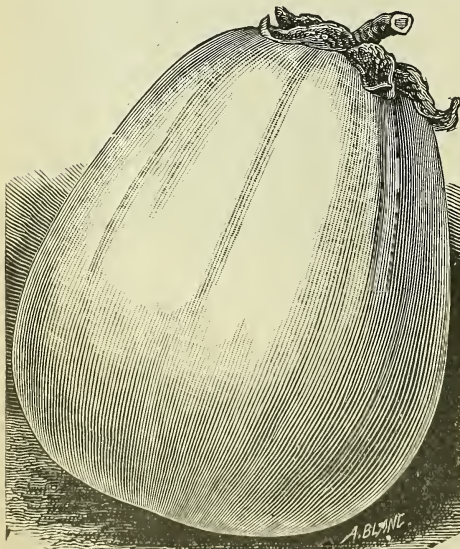
For this new Cabbage the originator claims perfection of type, reliability of heading, strong constitution, early maturity, large size and complete adaptation to all purposes of the Farmer or Market Gardener. The seed we offer was grown by the originator. Price, *postpaid*, pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

LIVINGSTON'S NEW IDEAL CABBAGE

THIS variety is a few days earlier than Livingston's Premium Flat Dutch, and is certainly one of the most magnificent strains of Late Flat Dutch known to-day. By persistent selection, year after year, it has been brought to a state of perfection rarely, if ever, attained elsewhere. The large, solid heads, the low, short stems, the absence of useless foliage, the uniformity of size and shape, the reliability for heading, and the long continued selection mentioned above, all combine to make this the IDEAL Cabbage for profit. Our seed of this Cabbage was grown from large, solid, fully matured heads, which were pulled in the fall, pitted over winter, and set out in the spring. This method



LIVINGSTON'S NEW IDEAL CABBAGE.



PEARL WHITE EGG PLANT.

is very expensive, and seed produced in this (the only true) way cannot be sold at a small price.

The remarkable success of this Cabbage during another year, and that a very trying one, has convinced us of its very great value. **One trial is all we ask.** You can confidently expect to get from 80 to 100 more heads to the 1,000 plants, and much more uniform in size and shape, than from any other strain with which we are acquainted.

Price, *postpaid*—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

PEARL WHITE EGG PLANT.

A DELICIOUS VEGETABLE. The plant is a large, vigorous grower, and comparatively free from thorns. The fruit is pure creamy white, with slight shading of a very light green near the stem, thus being of more attractive appearance than the purple sorts; beautiful in shape, resembling somewhat the purple variety. In eating quality it is superior, being more delicate, very fine grain and well flavored. It makes one of the most palatable dishes either fried or baked. There is not a garden in the land which would not be improved by this vegetable being represented in its collection.

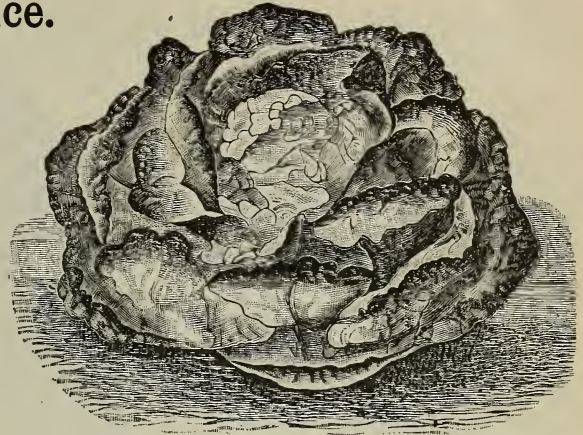
Price, *postpaid*—Pkt., 10c.; $\frac{1}{2}$ oz., 35c.; oz., 60c.; 4 ozs., \$2.00.

Crisp-as-Ice ("Bronze Head") Lettuce.

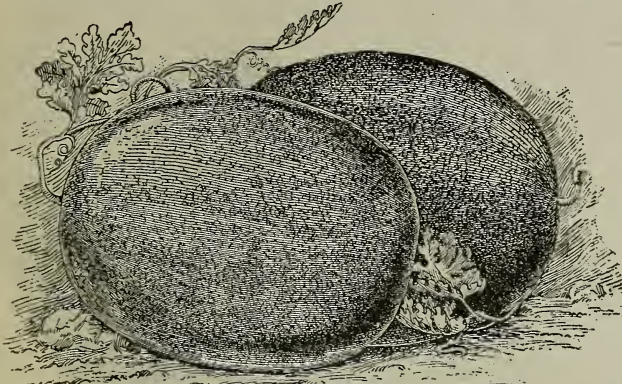
A most beautiful and attractive Lettuce of the cabbage type. The heads are solid and of immense size when well grown, and so exceedingly tender and brittle as to fully warrant the name, "Crisp as Ice."

The glossy leaves are thick and nicely crimped like a fine curled Savoy Cabbage; outside they are beautifully variegated with bronze and green. The heads, when cut open, have a rich creamy yellow heart. An exceedingly superior family and home market lettuce, but on account of its extreme tenderness, it is unfit for shipping or handling in large bulk.

Take Our Word for it, and try a little sown early in hot-bed for transplanting, then later sow some outside for summer use; in either case, if you wish fine large heads, transplant 12 to 18 inches apart each way, according to richness of soil. *Postpaid*, pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; 4 ozs., 60c.; lb., \$2.00.



Crisp-as-Ice Lettuce.



SWEET HEART WATERMELON.

HOOSIER KING WATERMELON.

A melon with excellent qualities. The melons grow oblong, and are of an even diameter through their entire length. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped light and dark green; the rind is very thin but extremely hard, which renders it a valuable shipping sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

MUSKMELON—(Winter Pineapple).

This remarkable melon is a native of Cassaba, Asia Minor, where melons of the finest quality in the world are grown, and from whence it was introduced into California by one of our customers. Its unique appearance is quite accurately represented by our cut, the skin being corrugated instead of netted, and in color a rich yellow, tinged with green. Its firm flesh is of a light green color and has a pronounced and agreeable pineapple flavor, is very rich and melting and can be eaten with a relish to the very outer skin. Its most valuable characteristic, however, is its wonderfully long-keeping quality. The melons seldom ripen on the vine, but should be picked off after the first frost, handled very carefully, and stored (like squashes) in a cool, dry place, where they will gradually ripen; as wanted for use bring into a warm room for a few days. In this way they can be kept in good condition until late in the winter. Plant in hills 5 x 5 feet, leaving finally two strong vines to a hill. Many specimens weigh from 15 to 16 pounds; and some 19 pounds—*real beauties*. When this melon is fed to hogs, milch cows, etc., good results are sure to follow. The seed we offer was grown by our friend in California, and can be relied on as *strictly first-class*. HEADQUARTER'S SEED: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, *postpaid*.



NEW SWEET HEART MELON.

This new melon has created a great sensation among commission men on account of its selling qualities. It seemed to sell itself even when melons were very plenty. In the field it has proved to be early, large, handsome, heavy and productive. The shape is oval and the color mottled light to very light green. Flesh bright red, solid, but very tender and sweet. In the car it proved to be a splendid traveler and long keeper. We last spring paid Mr. Wittenmyer, the originator, a high price for some stock seed of his own careful selecting, and our crop has been grown entirely isolated so that it is as pure and true as the original, and no one has a better strain. When our crop was matured the ground was literally covered with large fine melons. *Postpaid*, packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

OSAGE MUSKMELON.

(NORTH MICHIGAN GROWN SEED.)

Growers of this favorite, who wish to make a change of seed are hereby given a golden opportunity. We have a few pounds of very choice originator's stock that was grown in extreme North Michigan, about as far up as melons will thoroughly mature, and it ought to give excellent results in more southern latitudes. Persons ordering this particular stock, should ask for *Michigan Grown Osage*. Price, *postpaid*, pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00; 2 lbs., \$1.75; 5 lbs., \$4.00.

BLACK PARIS MUSKMELON.

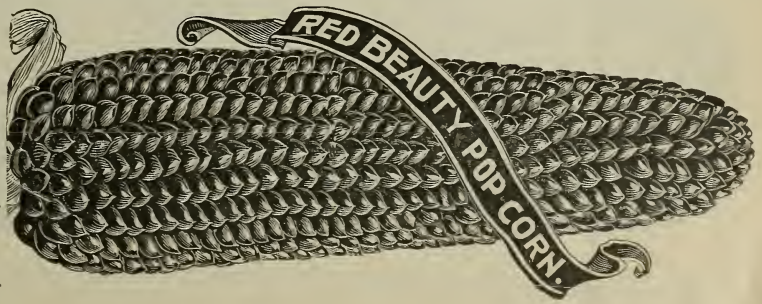
A very large melon, distinct in form and markings, and possesses qualities of the first order. It is oblong, square-ended, weighs from ten to fifteen pounds. Rind black; ribs broad and prominent, skin somewhat netted; flesh deep orange, very thick and excellent in flavor. Very showy and selling well in market. Should be planted on rich melon land. Pkt., 5c.; oz., 15c.; 4 ozs., 50c.

SIX OAKS CANTALOUPE.

Of all the varieties of new cantaloupes tested the past two seasons none pleased us better or proved more distinct and worthy of introduction. It is of large size, and the fruits are very heavy. It is green-fleshed, deeply ribbed, well netted, and nearly round in shape. A fine variety to raise, either for market or the family garden; in quality most delicious. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

RED BEAUTY POP CORN.

This valuable new rice pop corn was originated by an expert pop-corn grower of Illinois, who, while roguing a field of Snow Ball Pop Corn, in the summer of 1888, discovered a sport of a remarkably peculiar style. Since, by isolation and careful accumulative selection, he has secured a variety, which for beauty, earliness, great productiveness, crispness, sweetness, tenderness, great depth of grain, and smallness of cob, cannot be equaled. Fifty bushels per acre being a common yield. It pops splendidly and is in every respect a first-class family pop corn. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., *postpaid*.



LIVINGSTON'S TIP TOP NUTMEG.

(Introduced by Us in 1892.)

Tip Top **IN QUALITY.
IN APPEARANCE.
IN PRODUCTIVENESS.**

We are, we think, justly proud of our reputation as introducers of new varieties ("sports," hybrids, seedlings, improved "strains," etc.) which almost invariably become standard. Aside from our Tomatoes, which are known all over the world, we have never offered a new sort of any vegetable more valuable than this Muskmelon.

The **Tip Top** Melon is so distinct in appearance that it attracts favorable attention at first sight. Closer acquaintance with this melon will prove that there is one exception to the old rule that "familiarity breeds contempt." Gardeners tell us that their customers soon learn to pick them out, and will have no other. Our first claim for the **Tip Top** is that it stands at the very **Tip Top** for quality. Very good specimens are occasionally found among the well-known yellow-flesh kinds, but the universal testimony of every one using the **Tip Top** is, that every fruit produced, whether big or little, early or late in the season, is a good one—sweet, juicy, finest flavor, firm, but not hard fleshed, eatable to the very outside coating. Again, in **productiveness** it is unexcelled, being a very strong and willing grower. In the past almost universally dry season they have done better than any standard sort in cultivation.

**Money Makes Merry Men,
Livingston's Tip Top
Musk Melons Make Money.**

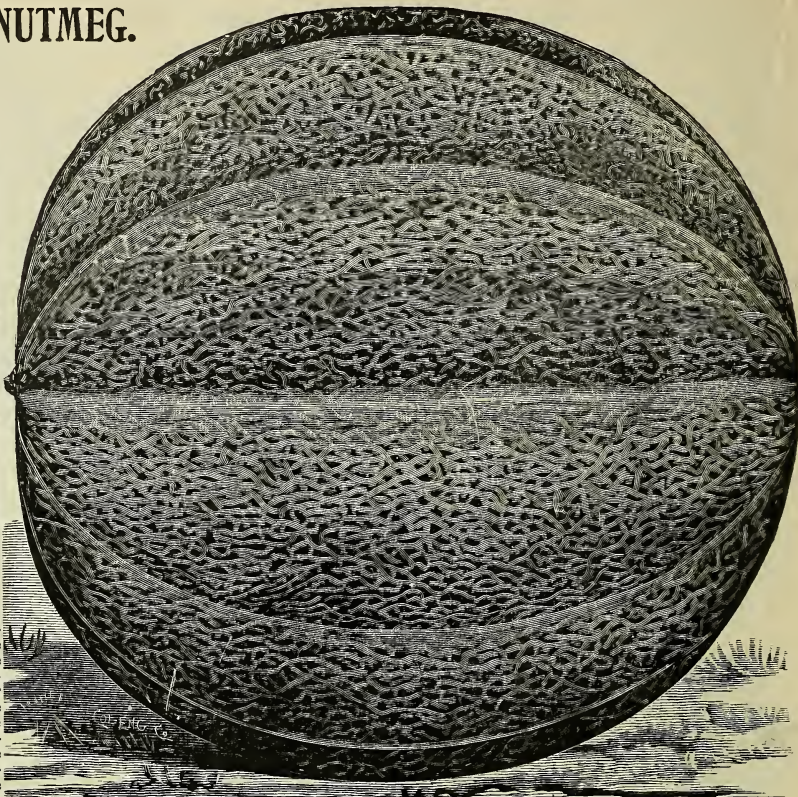
We must also not fail to emphasize its captivating appearance when exposed for sale on the market stand. By care and close attention for the past six seasons we have greatly increased the attractive appearance of this variety by selecting for seed stock the best specimens, and especially those showing the greatest amount of netting. Those who had seed of us the first season of its introduction will remember that it was almost entirely free from netting. Marketmen tell us that it is a common occurrence for passersby to stop and admire them. **Price of selected seed saved from typical Tip Tops—Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25; 3 lbs., \$3.00. Postpaid.**

Levi Jordan, Mt. Carmel, Ill., March 20, 1895: "Your Tip Top Muskmelon is the best I ever raised. It was very dry last summer, but they stood the drouth and were splendid. Your garden seed cannot be excelled."

U. S. Messick, Hixon, Tenn., March 15, 1895: "Tried New Tip Top Melon last year; does well in this latitude. Everybody in Chattanooga that I sold to liked them better than any melon they ever ate."

Mrs. Leander Everson, Randall, N. Y., March 18, 1895: "I have always had good success with your seed. Last year you sent me a packet of Tip Top Melon. It is a lovely melon; even quite small ones are nice and sweet."

Gerardstown, W. Va.: "Your Tip Top Melon beats anything of the kind ever tried. Took first premium at the Fair. Every person who ate of them wanted more."



A Typical Tip Top.

Dr. Wm. E. Magruder, Olney, Md., March 16, 1895: "After another year's experience I still find the Tip Top Melon the most satisfactory of the many kinds I have tried, and can endorse all you say in its praise in your Catalogue."

America C. Gayhart, Augusta, Ind., April 4, 1895: "Will just say for your Tip Top Melon, which I raised last year, that they gave perfect satisfaction."

J. M. Jetton, Bell's Depot, Tenn., August 10, 1895: "I take pleasure in saying to you that the seeds I purchased of you this spring were all, if not more, than you claimed for them; especially your Tip Top, which was the best melon I ever saw."

B. F. Buxer, Beach City, Ohio, September 30, 1895: "L's Tip Top Melon has been pronounced by all who have tested it, as one of the best they have ever eaten."

THE ROSE GEM MELON—Improved Netted Gem.

Improved in size and desirable shape for shipper's use. If any fault whatever can be found with the original Netted Gem, it is its small size; besides, its round shape is not so desirable as one more oval. We found this finely improved strain in the hands of the Rose family who have been noted for many years as Muskmelon specialists, and are the most extensive growers we know of, for the shipping trade, and probably start more melons under glass than any other family in the world. They put out an immense acreage annually in Michigan, Southern Indiana and Central Ohio, and have about controlled for years the Chicago, Columbus, Cleveland and Pittsburg markets on early shipped melons. Their Indiana crop alone for shipments to Chicago, World's Fair season, was over 100 acres, on which they realized, we understand, a net profit of several thousand dollars. (*It pays to grow early melons.*) We make the above statement to show that the Rose Brothers ought to know what a correct melon is. In their selection of the Gem, for size and shape, they did not lose sight of quality and earliness, as they use it to the exclusion of all others for first shipments. Although they are exceedingly jealous of this stock, we have prevailed on them to spare us a few pounds of their choicest seeds and allow us to offer it to our trade, which announcement we are happy to make, for we regard it as now improved.



The Above Illustration was Reproduced from a Photograph of a Tray of Rose Gem Melons.

The very best and most profitable Extra Early Melon in existence for Marketmen and Shippers. Price—Pkt., 10c.; oz., 15c.; 4 oz., 50c.; lb., \$1.50; 2 lbs., \$2.50; 5 lbs., \$5.00. Postpaid.

NEW CINCINNATI MARKET RADISH.

FOR MANY YEARS Cincinnati has been noted the country over as headquarters for the production of Radishes of finest quality and appearance. "Aeres of Glass" are devoted to this crop alone, to supply the enormous shipping demand for it from all the large markets of the country. Many of these "Glass Gardeners" make the growing of this variety of Radish their main "Money Crop," planting but little else, and relying almost entirely upon it for their income throughout the year. These Radish Growers, from long experience, have become expert in this line, and by carefully selecting and growing their own seed for over thirty years, have perfected this variety which is so well adapted for their purpose. We pronounce it the handsomest Long Red Radish in cultivation, being far superior to such old favorites as Wood's Frame and Early Long Scarlet Short Top. Naturally anxious to have the credit of disseminating such a real good thing, we have, for years, made every honorable effort to secure a start of it, but always failed until two years ago we secured a "pinch" of the right seed from a reliable source, and after growing it carefully for two seasons under our own personal supervision, are pleased to announce that we have a good crop of the past season's growth to offer our customers at the moderate prices quoted below. The longer we grow this Radish the better we are pleased with it.

DESCRIPTION.—The tops are so very small that the Radishes may stand touching each other in the rows. One grower says the tops are too small to "pull by," and also that he never thins this variety like he would other kinds, which quickly run up to seed if left standing too thickly in the row. They grow perfectly straight and smooth, and from six to seven inches in length. Their attractive glossy scarlet colored skins is very thin, and the flesh crisp and brittle, and of delightfully pungent flavor; it has a clear, waxy, transparent appearance. Without doubt it is the finest Long Red Radish for forcing, and outsells any other that is put in competition with it on any market. Being long standing it is also an extra fine sort for the home garden. It may be sown all summer at intervals of two weeks. **PRICE (post-paid)**—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Miller Fruit and Vegetable Co.

"For nine years we have been selling immense quantities of the well-known Cincinnati Radish. Some weeks our sales run as high as 1,000 dozen bunches. We have furnished the most fastidious class of trade in this city. Its season is the year round, always salable, none others wanted when this can be had. Its quality is unexcelled, and we most heartily recommend it to every grower."

MILLER FRUIT AND VEG. CO.

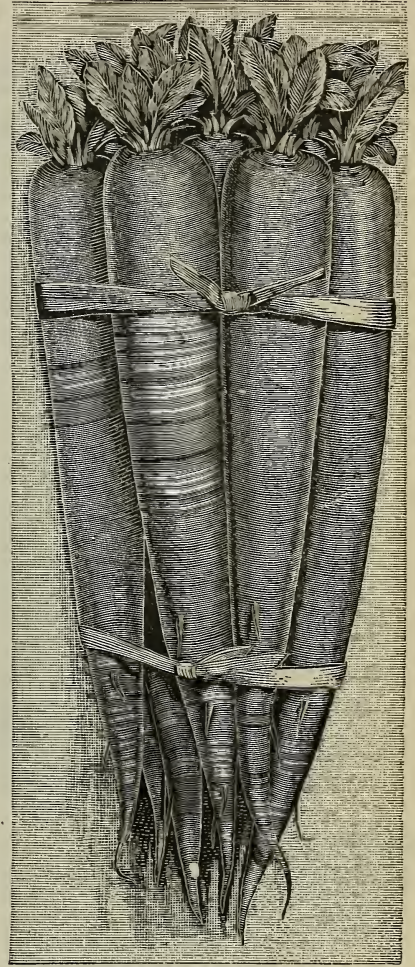
Pletsch & Sutton's Fulton Mkt.

"We have supplied the *bon ton* trade of this city for several years with this excellent Radish. We receive two large shipments daily from Cincinnati besides what our home growers supply." J. F. PLETSCHE.

Sutton Bros.' Commission House.

"I have known the Cincinnati Market Radish for the last 30 years. No variety holds its freshness longer, meets with readier sale or gives better satisfaction. We sold it for years in Cincinnati before coming to Columbus fifteen years ago."

L. K. SUTTON.



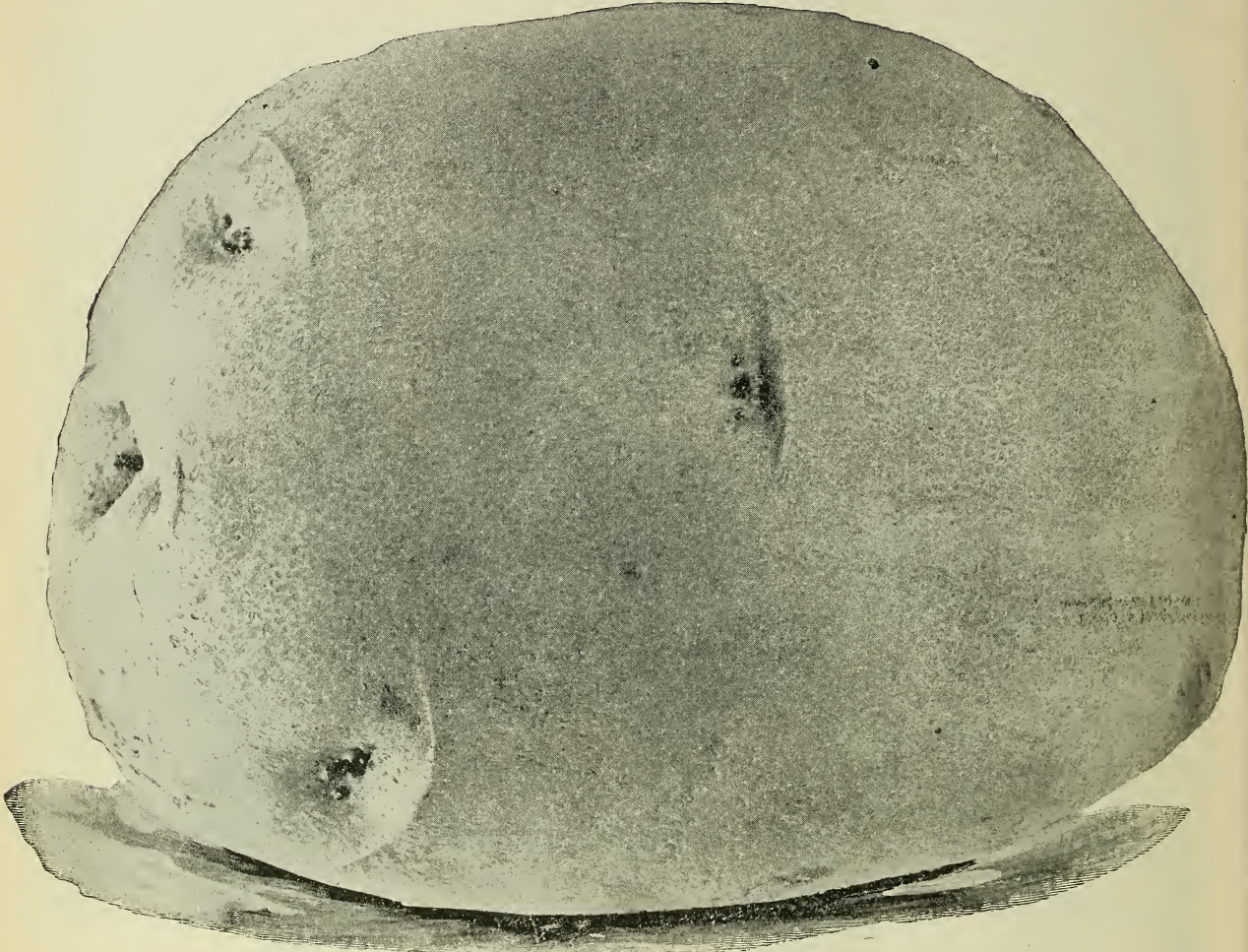
A NEW PEA.

NOTT'S EXCELSIOR.

THIS fine new Extra Early Wrinkled Pea has come to stay. In earliness it equals American Wonder; in height it is half way between American Wonder and Premium Gem; in quality equal to Premium Gem, and as a cropper it excels either. In a comparative test, with above side by side, under conditions exactly alike, the Nott's Excelsior yielded one-quarter more pods by measure, and by weight one-third more, which shows conclusively that the pods of Nott's Excelsior are more compactly filled with peas. Last season this Pea sold at very high prices, but we have not heard of a single gardener who regretted his purchase. This year the price is more reasonable, and we predict that it will be extensively planted and with great profit. Our stock was grown from seed stock direct from Mr. Nott.

PRICES—Postpaid—Pkt., 10c.; ½ pt., 20c.; pt., 35c.; qt., 60c. By Express or Freight (not paid) —4 qts., \$1.25; pk., \$2.25; bus., \$7.50.

LIVINGSTON'S BANNER POTATO.



A PHOTOGRAPH OF ONE OF THE BIGGEST BEAUTIFUL BANNERS.

**Handsome Appearance, Immense Yields,
Desirable Size, Superior Table Quality,
The Best Main Cropper of All.**

It was grown extensively the past season, and every one who grew it is enthusiastic in its praise, because it proved in their hands more than we claimed for it. We have no reason whatever to regret having urged growers, large and small, to risk planting their whole main crop with **BANNERS**, and no grower regrets having taken our advice.

GOOD WORDS FOR BANNER.

We have many testimonials for the Banner, but the following from recent letters certainly proves all we claim:

Mr. Nothstine, Pickaway Co., O., Oct. 4, '95: "Sirs—I finished digging potatoes yesterday. I have about 600 bushels of **Banners**, and a very nice lot for this, the driest season I ever saw."

Emanuel Wertz, Summit Co., O., 10-14-95: "In testing your new **Banner** with 60 others, we find them possessing everything claimed for them. I had a peck on exhibition at our county fair. They were much admired by all who saw them. You may expect a good many orders from here next spring."

A Word from the Rapid City "Inspector": "Visit Mr. Whyte's garden and note the result of planting good seed. Examine his **Banner** Potato and Drumhead Cabbage. He plants Livingston's seeds."

INTRODUCED BY US IN 1893.

Another year's experience with this grand variety strengthens the opinion we have already expressed that it is

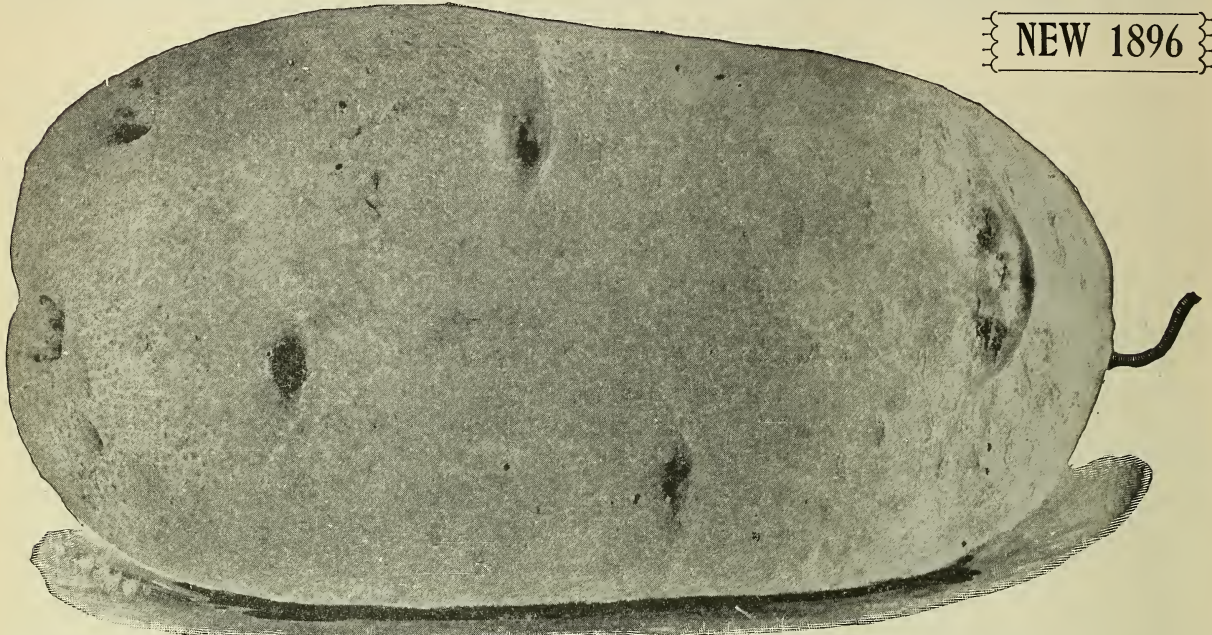
The Grandest Introduction of Recent Years.

John Whyte, Rapid City, Manitoba, Canada, 9-27-95: "Our fall fair has been held. Your **Banner** Potato headed the list, carrying off the red ticket. They are 'dandies,' grow compactly and yield ahead of any kind I have."

W. H. Russell, Pine Co., Minn., Dec., 4, '95: "This is my second year planting of the **Banner**, and they are true to name. I was very sparing of seed and had not time for thorough cultivation, but gathered at the rate of over 400 bushels per acre. The **Banner** potato is surely well named. **EXTRA in size, in yield and eating qualities**, also in growth of vine. Last spring, after planting, we had a very heavy rain, the common stock of potatoes rotted badly, so that they had to be planted over. Not so with the **Banner**. **Every piece grew**. I shall plant more largely the coming season."

THE LIVINGSTON POTATO. A WHITE . . . SENECA BEAUTY.

NEW 1896



Three or four years ago our chief Michigan grower found in his crop of Seneca Beauties a "sport," with a distinct white skin, but in all other points a counterpart of that grand, good seedling introduced by us, eight years ago. (See page 64.)

The above photograph of a medium size specimen gives a very good idea of its size, smoothness and very desirable shape. It will also be observed that it has but few and very shallow eyes. The Seneca Beauty is admitted by all who have ever grown it to be one of the most beautiful of all the many rose colored varieties, and those familiar with it, will at once realize what a beauty it would be, if clothed in a white jacket and especially if it retained its delicate peach blow eyes. That is exactly what we have in **The Livingston**. We have called it by our name because we believe, after growing it for three years, and finding its color and character firmly fixed it has a great future and will be a credit to its introducers.

It is a rank grower, very productive, and its cooking qualities are superb. If we were not confined to this half page of space we could make many truthful claims for it, besides giving disinterested testimony from others. However, its excellent qualities are just the same as if half a dozen pages had been devoted to its praise, and those who take our word for it and avail themselves of getting an early start will certainly not be disappointed.

We are offering **The Livingston** on its merits as we did the **Banner**, and are confident it will meet with the same general public approval.

We presume many will think we ought to apologize for being bold enough to offer a new potato the present season, when there is so little interest and less money in the crop. But the present state of the potato market may not occur again for years to come, and knowing the value of the variety we are offering, we want to get the ball rolling for another year

when we expect to have sufficient stock to go around. This season the stock is so limited, that we have only a few bushels to spare, after reserving enough to make our own planting.

We will book orders until the stock is exhausted as follows:

BY MAIL, postpaid—1 lb. of Potatoes, 50c.; 3 lbs., \$1.00; 40 Eyes, 50c.; 100 Eyes, \$1.00. Note—We guarantee safe arrival if our terms of shipment on page 62 are complied with.

BY EXPRESS OR FREIGHT, PRICES— $\frac{1}{2}$ doz. choice tubers, 50c.; 10 lbs., \$1.00; 20 lbs., \$1.50; $\frac{1}{2}$ bushel, \$2.00; bushel, \$3.00; barrel (11 pecks good measure), \$8.00; 2 barrels \$15.00.

Please give plain shipping directions.

Parties wishing to see the potato with a view to buying can get a tuber by mail by sending us 20 cents.

A "TIP" TO GROWERS. Those who grow to sell seed should take hold of **The Livingston** at once, for it is bound to be in demand another season. If you have any doubt about its distinct appearance and fine quality, send for a tuber; see and taste and be your own judge.

CHICAGO WARTY HUBBARD SQUASH.

This seems to be by all odds the very best strain of Hubbard Squash we have ever grown. Some of its good points are large size, dark green, almost black color, all looking alike, and withal distinguished by a dense covering of knots, which justifies the name of "Warty." The photo-engraving below gives a good idea of the appearance, and when grown

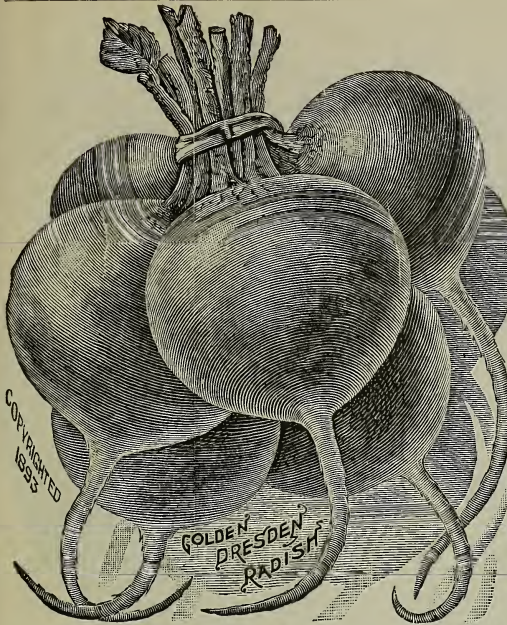
this strain will prove the best of its class; thick fleshed, first-class quality and a good keeper. Their handsome appearance appeals strongly to customers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.



HANDSOME
APPEARANCE.

CHICAGO
WARTY HUBBARD.

THE BEST
KEEPER.

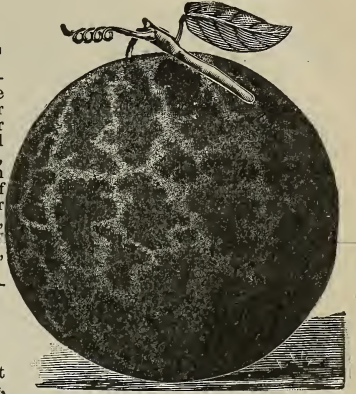


GOLDEN DRESDEN RADISH.

We can recommend it alike for family garden and for market as one of the most valuable and quick-growing radishes. Planted under ordinary conditions, May 5, it was ready for the table June 3. The tops are very scant, and admit of closest planting. It is perfectly round, smooth and with attractive, light golden-brown skin. The flesh is crisp, white, juicy and of the finest flavor. Market gardeners can either grow this new radish in the garden or force it, and depend upon a remarkably perfect, early and uniform crop. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

ORNAMENTAL POMEGRANATE.

Grows on a pretty vine; its handsome fruit is a lemon-yellow striped with dark orange, varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown. Pkt., 10c.; 2 pkts., 15c.



A NEW TURNIP.

SCARLET KASHMYR.

The beautiful pinkish red color of this new turnip makes it very striking. It is unique among turnips, bearing some resemblance to a large radish. It produces large, smooth, white-fleshed roots of excellent keeping qualities. Among the earliest. Pkt., 10c.; oz., 25c.



KASHMYR TURNIP.

GIANT

Seedling Tomato.

For enormous size it exceeds anything we have ever grown. Specimens weighing 30 to 35 ounces are quite common. It is of a pinkish color, a wonder of vigor and productiveness, solid, and has the least seeds of any. The tomatoes are all more or less ribbed, and some quite rough, but the outside can be pared off, leaving in the larger specimens a solid mass of flesh, almost without a seed, of the most delicious flavor. It is a good one for home use. Pkt., 10c.; 2 pkts. for 15c.



BLACK NUBIAN PEPPER

NEW BLACK NUBIAN PEPPER.

The Peppers are deep blue-black (never green, even when small), superior for pickles at any stage and attracts universal attention. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

\$1.00 Big Dollar Collection. \$1.00

BY MAIL, POSTPAID.

- 1 Beans—Golden Cluster. The Best pole bean in the world.
- 2 Beans—Valentine Wax. Yellow pods; very early.
- 3 Beet—Crosby's Egyptian. Very early and good.
- 4 Beet—Dewing's Blood Turnip. Best general use.
- 5 Cabbage—Extra Early Jersey Wakefield. No. 1.
- 6 Cabbage—Livingston's Ideal. Best winter.
- 7 Celery—Giant Pascal. Very crisp.
- 8 Celery—White Plume. Self-blanching.
- 9 Corn—Country Gentleman. Best late.
- 10 Corn—Livingston's Evergreen. Sweetest of all.
- 11 Cucumber—Livingston's Evergreen. Best all purpose.
- 12 Cucumber—Early Cluster. Best early.
- 13 Lettuce—Curled Simpson. Splendid early.
- 14 Lettuce—Defiance. Best all summer.
- 15 Watermelon—Ice Cream. Quality can't be beat.
- 16 Watermelon—Sweet Heart. New. Choice.

FREE.
With each order for this collection we include a packet of the new: **SWEET PEA—CUPID.**

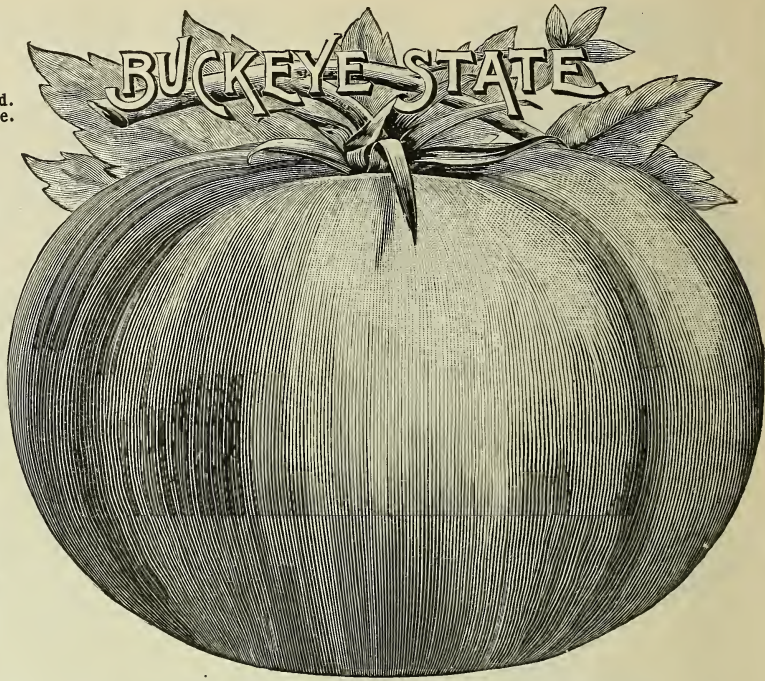
- 17 Muskmelon—Tip-Top. A No. 1.
- 18 Onion—Yellow Danvers Globe. Best general crop.
- 19 Onion—White Silverskin. For table and pickles.
- 20 Pepper—Ruby King. Sweet. Largest of all.
- 21 Parsnip—Hollow Crown. Standard everywhere.
- 22 Pumpkin—Sweet, or Pie. Best for the table.
- 23 Peas—Livingston's First-in-Market. A grand early.
- 24 Peas—New Shropshire. Immense pods. Excellent.
- 25 Radish—Long Scarlet. Good for early.
- 26 Radish—New Chartiers. Best early or late.
- 27 Radish—Livingston's Surprise Mixture.
- 28 Squash—Large Golden. Summer.
- 29 Squash—Warty Hubbard. New. Very fine.
- 30 Tomato—Livingston's Stone. None better.
- 31 Tomato—Aristocrat. New dwarf. Fine early.
- 32 Turnip—Purple Top Strap Leaf. First rate.

16 PACKETS FOR SIXTY CENTS. We will send Nos. 1, 4, 6, 7, 10, 11, 14, 16, 17, 18, 20, 21, 23, 27, 29 and 30 **For Only 60 CENTS.**
TWO FULL COLLECTIONS FOR \$1.75, THREE FOR \$2.50.

LIVINGSTON'S
BUCKEYE STATE
 TOMATO

The Largest Smooth Tomato in the World.
 Bearing the Livingston Name.
 Clustered of any Variety.
 Tomatoes in the Clusters.

Livingston's Buckeye State Tomato—Introduced by us in 1893—it averages at least one-half larger than Livingston's Beauty. Many "mammoth" sorts have been introduced of late, but on first trial they are rejected on account of their rough and uneven surface if for nothing else. When, therefore, we state that in addition to its very large size, it is also smooth and uniform, like all the other sorts introduced by us, we are sure we have said enough to enlist the attention of Tomato Growers everywhere. This is not all, however, for although its large size might lead some to believe the fruits are few in number, yet the fact is, it is even more prolific and abundant in fruit than most any of the standard sorts now in cultivation. It is unquestionably the heaviest cropper known. The tomatoes are borne in immense clusters of four to eight extra large fruits, and occasionally ten large fruits have been found in a single cluster. It matures with the Livingston's Stone. In solidity and meatiness, it has no equal, in desirable quality none surpass it. The color is much the same as Livingston's Beauty, but of a somewhat darker shade, and this, together with its very large size and clear-cut outlines, make it very showy and striking when displayed for sale. In shape, it is a little thicker from blossom end to stem than most other sorts. The past three seasons we have grown this variety by the ordinary method, as well as on stakes, and the tomatoes were the admiration of all who visited our grounds. **PRICE of Choicest Select Seed**—Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.



Joseph Long, East Winthroe, Me., September 16, 1895: "I write to speak of the success of your seed. The Buckeye State Tomato this year has been a great success with me, as it was last. Though a little late for this northern latitude, they are certainly the largest and smoothest Tomato. Your Dwarf Aristocrat I have tried this season, and was delighted with its size and handsome color. It yielded the most fruit to the square yard of any kind I had."

E. Wentworth, Sunier, Iowa, March 21, 1895: "I have grown every kind of Tomato, and thought Beauty the best. But your Buckeye State attracts more attention than any Tomato that was ever seen on the market here."

George W. Dover, Criders, Va., March 29, 1895: "Your Buckeye State Tomato can't be beat."

W. S. Hunter, Savannah, Mo.: "I like your Buckeye State Tomatoes. They are smooth and nice to peel and can. I have raised some of them this year, and I tell you they are nice."

Priscilla Baker, Sugar Tree Ridge, Ohio, March 22, 1895: "I like your garden seed very much. Your Buckeye State Tomato is the best I ever raised. It cannot be beat. I recommend your seeds to everyone."

Daniel D. Clark, Jackson, O., April 2, 1895: "Your Buckeye State Tomato has attracted considerable attention. It and your Beauty are the best I have ever raised."

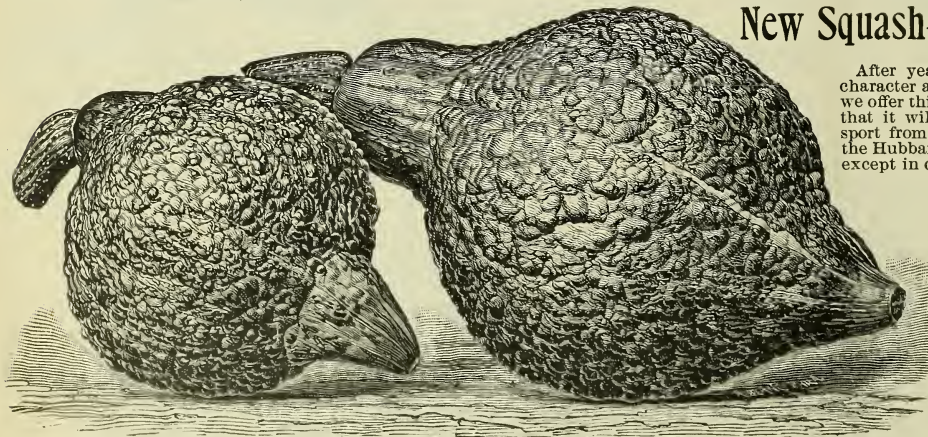
G. E. Patterson, Bridgeport, Ohio, March 15, 1895: "I grew your Buckeye State Tomato last year. It is the best I have ever raised. We got 25 cents a bushel more for our tomatoes than other growers here."

Bowmont Farms, Salem, Va., March 19, 1895: "We have for two seasons grown your new Tomato, Buckeye State, and with great satisfaction, and wish to try it again the coming season."

S. P. Morris, Urbana, Ohio, March 16, 1895: "I have been growing tomatoes for a good many years, but I have not had any that equals the Buckeye State. It is the finest tomato that I ever saw, and it will sell before any other. Its table qualities are unequalled."

New Squash—Golden Hubbard.

After years of careful selection, so that in character and color it has become firmly fixed, we offer this excellent new Squash, confident that it will become a standard variety. A sport from that old standard of excellence, the Hubbard, it is a perfect type of its parent, except in color, which is a bright deep orange yellow, exceedingly showy and attractive. Flesh, deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far exceeds the old variety. In everything except color and yield it is a counterpart of that old favorite, the Hubbard. Its superior keeping qualities combined with its sweet rich flavor, attractive color and shape are bound to make it a popular fall and winter variety. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.00; lb., \$3.50. *Postpaid.*



NEW IMPERIAL TOMATO—We undertook to grow a crop of this new Tomato the past season, but the drouth was so severe we could not fully judge of the great merits claimed for it. It is claimed to be earlier when grown, side by side with such standard extra early varieties as Earliest of All, Atlantic Prize, Early Ruby, and superior to them in size, perfect symmetry and in about every trait that goes to make up a first-class tomato. It resembles Dwarf Champion in color and form, ripens well around the stem, is very thick meated and solid. Mr. Halliday, its originator, claims it to be in general ripening of the crop from fourteen to twenty-one days earlier than any other variety. We recommend it as worthy of a general trial, but cannot on this season's poor test recommend customers to risk a whole early crop of it. Pkt., 20c.; 3 pkts., 50c.; 7 pkts., \$1.00 **True Originator's stock**—Pkt., 10c.; ¼ oz., 30c.; oz., 50c.

Livingston's Dwarf Aristocrat Tomato—See Page 55.



A Field of CUPID, the Unique Dwarf Sweet Pea.

"A FLORAL WONDER"
THE NEW DWARF SWEET PEA,
"CUPID"

Grows Only Five Inches High!

It is hardly possible in a description, even aided by illustrations from photographs, to properly present this variety. Cupid, a chance seedling, which comes absolutely true from seed, was discovered in 1893. In a crop of seven acres this season there was not a single plant that showed any variation either in habit or color.

Cupid excites wonder wherever seen—such a Sweet Pea, yet in habit so unlike a Sweet Pea! It is true that its stems are short, but it has all the fragrance of the most favored Eckfords. The flowers are the size of the *Emily Henderson*, but with more substance in the petals of both wings and standards than any other Sweet Pea. It bears two and three blossoms on the end of each stem—all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom.

Fancy a solid area of deep green—just as green as Cypress—a carpet of plants only five inches high, spreading out from the roots so as to meet when the seed is planted two feet apart in rows; then fancy this carpet of deep, living green springing into blossom in one week, all a mass of white—clear, waxy white—Sweet Peas on stems only four inches long, and a hundred on a plant; all white—like a mass of snow. Indeed, so strongly contrasted with the deep green foliage that the purity of the whiteness of Cupid's flowers seem even whiter than snow itself.

Cupid grown in a twelve-inch pot just fills the top; with its blooms of glistening whiteness it is wonderfully attractive in the house, the public hall or the conservatory. In the garden it will be used chiefly as a border plant, for it will bear trimming to just the proper shape. The foliage alone is pretty enough for any border, but this is forgotten when Cupid bursts into a mass of snow-white blossoms, not unlike a very dwarf hedge covered with snow. There is no plant that can stand

in successful competition with CUPID for the border. Nothing could be more novel or more truly beautiful for florists' work.

Cupid is a grand flower for floral designs, and only needs to be so used to prove its merit. Nothing could make a prettier wreath, cross, or pillow than a mass of its snow-white blossoms wired in with ferns, smilax, or other suitable green. The Violet, the Rose, and the Carnation will now have to share their popularity for a gentleman's boutonniere with Cupid; it is just the thing—it has the fragrance and the beauty, and it is a Sweet Pea—the only Sweet Pea that looks well in the buttonhole. Regular size packets (each containing twenty seeds), 25c.; 5 pkts. for \$1. Half-size packets (each containing ten seeds), 15c.; 2 pkts. for 25c.



New Dwarf Sweet Pea—"Cupid." Flowers White.

stems from ten to twenty-four inches in length, the plants growing from two to three feet in height. Florists will find this a magnificent and profitable Aster for indoor growing in the summer. The seed we offer was grown by Mr. Semple and cannot fail to please. Semple's White—a pure white. Semple's Pink—a fine shell pink. Price of either variety—Pkt., 10c.; 2 pkts., 15c.; 1/8 oz., 30c.; 1/4 oz., 50c.; oz., \$1.75 (1895 growth).

SEMPLÉ'S NEW

**Branching
Asters.**

A choice strain of American grown Asters which has by careful selection been brought to a high degree of excellence. The plants are of branching habit, producing from ten to twenty perfect flowers from four to six inches in diameter on



SEMPLÉ
ASTERS.

DOUBLE FLOWERED MORNING GLORY

The number of hardy annual climbers is not very great, therefore this first Double Morning Glory ever introduced will be a welcome as well as beautiful addition. It is of rapid growth and produces its double flowers very freely. Flowers white with a slight spot of blue or red at the base of the larger petals. Pkt., 15c.; 2 pkts., 25c.

NEW GIANT WHITE SWEET PEA.

Blanche Burpee—A pure white flower of exquisite form, immense size and great substance, a wonderfully profuse bloomer, it usually bears three flowers on a stem. Probably the finest White Sweet Pea yet produced. Pkt., 10c.; oz., 40c.

EXTRA EARLY Blanche Ferry—This New Sweet Pea is more dwarf, very much earlier, and fully equal in all other respects to the **Blanche Ferry**. Much earlier than any other Sweet Pea (two or three weeks). On account of its earliness and dwarfness it is the best Sweet Pea for forcing and its habit and persistent blooming, make it very desirable for outdoor culture (can be grown without support). The very sweet flowers are of large size, and produced in great profusion; very striking pink and white. Pkt., 10c.; oz., 40c.

Katherine Tracy Sweet Pea—This is the best pink Sweet Pea for the florists window, the amateur's garden or the exhibition table. Its form is perfect. The flowers are very large, bold but graceful and of such splendid substance, as to retain its perfection of form much longer than most sorts. The color is soft but brilliant pink, of precisely the same shade in wings and standard, retaining its brilliancy to the last. The stems are strong, exceptionally long, and bear two or three blossoms each. The strong growing plants are vigorous, and give a wonderful profusion of flowers, which continue large and fine, until the end of the season. Its large open flower, and soft but brilliant color, will always make it a favorite with florists and the public generally. Pkt., 10c.; oz., 40c.

One packet each of the above 3 splendid Sweet Peas, 20c.

GIANT PETUNIAS.

Grand improvements have been made in Petunias in the past few years, but we think in these varieties that perfection has been reached. A specialist in California, after crossing, hybridizing and selecting for several years, has produced this incomparable strain in beauty, size and luxuriance; the flowers are exquisitely ruffled and fringed, and are of enormous size, often five inches across, but their great merits lie in the innumerable varieties of colors, with markings, veinings, blotchings and stripings; some of the colors are rich and gorgeous, and others of lovely, delicate shades.

GIANTS OF CALIFORNIA—Choicest Mixed Varieties. Pkt., 20c.

GIANT—(Snowstorm)—Extra large flowers, 4 to 5 inches in diameter, of splendid substance; purest glistening white, with ruffled or fringed edges; deep yellow throat. Pkt., 25c.

GIANT—(Aurora)—Lovely shade of rosy pink, with a distinct red band around the deep, exquisitely penciled white throat; flowers of immense size and perfect shape. Pkt., 25c.

GIANT—(Midnight)—Dark claret crimson, with a surface bloom like that of a purple plum. In the sunlight it looks like crumpled velvet. The flowers are of immense size, with fringed edges and deep intricately veined throats. Pkt., 25c.



Extra Early Blanche Ferry.



New Celosia, "Ostrich Feather."

NEW CELOSIA,

"OSTRICH FEATHER."

This new Feathered Celosia produces very large plumes which are exquisitely curved and curled in resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or outdoor culture. It is of easy cultivation, requiring the same treatment as the ordinary Cockscomb.

Crimson—Intense fiery scarlet, pkt., 5c.

Orange—Bright golden orange, pkt., 5c.



New Giant White Sweet Pea.
BLANCHE BURPEE.

A. W. LIVINGSTON'S SONS

SEED ANNUAL FOR '96

GENERAL LIST OF

VEGETABLE SEEDS

IN this department we aim to offer a complete list of all known varieties of real value, and to exclude everything worthless; also to leave out an endless number of kinds for which there is no demand. We are careful to avoid offering the same variety of seeds under different names; we also avoid using misleading descriptions. It has been our aim to give fair and reasonable *General Instructions* as to planting and growth; but allowance must be made, for what applies in one latitude or section may widely differ from another not very far distant. Most of our seed bags contain specific instructions, and apply to the peculiar traits of the special variety.



ORDER EARLY. Please order as soon after you get this Catalogue as possible, and then you will have your seeds at hand for planting when you want them; besides if you want heavy seeds in large quantities they can be sent by freight very cheaply.

SEEDS PREPAID BY MAIL. Please bear in mind that the prices in the following list include prepayment of postage by us on all seeds offered by the Packet, Ounce, Quarter-pound, Pound, Pint or Quart, unless otherwise noted. Thus you have only to send the catalogue price, and we guarantee safe delivery by mail, postage prepaid. If the seeds are to go by express or freight with other seeds, etc., at the buyer's expense, deduct eight cents for a pound, eight cents for a pint, and fifteen cents for a quart. Half-pounds supplied at pound rates; half-bushels at bushel rates.

MARKET GARDENERS, or other large planters, requiring larger quantities of seeds than are here offered, are invited to write for our Special Price List. This list we can not send to private gardeners, even if they apply for it, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.

ARTICHOKE.

French—*Artichaut.* German—*Artischoke.*

The Globe Artichoke is grown for its flower heads, which are cooked like Asparagus. It is perennial, hardy, and easily cultivated, hence should be more generally grown. Seed can be sown in hot-beds and transplanted into pots, or so as to give plenty of room, until danger from frost is past, and then transplanted into very rich ground three feet apart each way, or the seed can be sown outside early in April in a rich seed bed in drills one inch deep, twelve inches apart, thinning, when up, to four inches apart in rows; but in that case will not likely produce heads the first season. Protect in winter with a slight covering of manure or leaves, put on late after cutting off the old tops. The second season they will form heads about July 1st. Once established they will remain bearing for years.

Large Globe—Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

ASPARAGUS.

French—*Asperge.* German—*Spargel.* Spanish—*Esparragoe.*

One of the earliest spring vegetables, and one that would be in more general use were it known how easily it can be grown. It can be grown in any good garden soil, but does best in moist, sandy soil.

To grow plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, "thin out," and the following spring the plants may be set out in beds six feet wide, with a path two feet wide on each side; set the plants about a foot apart each way, with the plants four inches below the surface. The deeper the soil and the more manure used the greater the crop. Annually, after the first cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow in the fall they should be cut and removed from the beds, and just before winter cover the beds with four inches of coarse, strawy manure or leaves, which should be removed in the spring. A bed 6 x 60 feet is ample for an ordinary family, and when well established is good for twenty years.

One ounce of seed sows 60 feet of drill. About 400 plants to the ounce.

Donald's Elmira—Originated with Mr. Donald, a well-known market gardener, of Elmira, N. Y. It is quite different from either Barr's or Palmetto, and a good, reliable mammoth variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

Conover's Colossal—A large and rapid grower of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Barr's Mammoth—Very large and uniform, grows very quick, and is very light in color. Pkt. 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

SEED DISCOUNTS.

PACKET SEED DISCOUNTS. This does not refer to seeds offered by weight (oz., lb., etc.) or measure (pint, quart, etc.), but to seeds in **PACKETS ONLY.** Nor does it refer to Potatoes, Onion Sets or Bulbs.

- For 25 cents select 6 five-cent packages of Vegetable or Flower Seeds.
- For 50 cents select 13 five-cent packages of Vegetable or Flower Seeds.
- For \$1.00 select Seeds in Packets (no ounces), amounting to \$1.30.
- For 2.00 select Seeds in Packets (no ounces), amounting to 2.75.
- For 5.00 select Seeds in Packets (no ounces), amounting to 7.25.

BULK SEED DISCOUNTS. This discount refers to **SEEDS** quoted in catalogue by **weight** or measure, and not to Potatoes, Onion Sets or Bulbs, as some understood it last season, nor to Seeds in Packets:

- On an Order for \$ 5.00.....10 per cent.
- On an Order for 10.00.....12 per cent.
- On an Order for 20.00.....15 per cent.

Palmetto—Claimed to be an earlier, better yielder and more even grower than Colossal. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

Columbian Mammoth White—An entirely distinct variety producing shoots which are white, and remain so as long as it is fit for use. In addition to the advantage of its white color it is even more robust and vigorous in habit and throws larger shoots and fully as many of them as Conover's Colossal. It needs no earthing up in order to furnish the white shoots so much sought after. We are confident that when once known it will be used to the exclusion of all other kinds. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

ASPARAGUS ROOTS.

By purchasing good, strong roots one or two years' time is saved.

Mammoth White—By mail (postpaid), 50 roots, \$1.00; 100 roots, \$1.75. By express or freight (not prepaid) 100 roots, 90c.; 500 roots, \$4.25; 1000 roots, \$8.00.

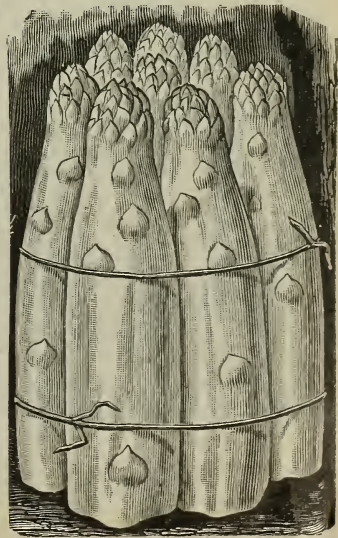
Donald's Elmira—By mail (postpaid), 50 roots, 70c.; 100 roots, \$1.25. By express or freight (not prepaid) 100 roots, 75c.; 500 roots, \$3.50; 1000 roots, \$6.00.

Conover's Colossal—By mail (postpaid), 50 roots, 60c.; 100 roots, \$1.25. By express or freight (not prepaid), 100 roots, 75c.; 500 roots, \$3.00; 1000 roots, \$5.50.

Palmetto—By mail (postpaid), 50 roots, 70c.; 100 roots, \$1.25. By express or freight (not prepaid), 100 roots, 75c.; 500 roots, \$3.50; 1000 roots, \$6.00.

Barr's Mammoth—By mail (postpaid), 50 roots, 70c.; 100 roots, \$1.25. By express or freight (not prepaid), 100 roots, 75c.; 500 roots, \$3.50; 1000 roots, \$6.00.

Special Prices for Larger Quantities of above Roots.



Mammoth White Asparagus.

BEANS.French—*Haricot*. German—*Bohne*. Spanish—*Frijoleno*.**DWARF OR BUSH.**

Beans are tender and should not be planted until all danger from frost is past; no time is gained by planting before the ground becomes warm. Plant in drills three or four inches apart, or in hills one and one-half feet apart in the row, and rows three feet apart. Hoe often, but never when wet with dew or rain, as earth will rust the leaves and injure the crop, especially in sandy soil.

One quart will plant 100 feet of drill; one and a half to two bushels to the acre.

OUR QUART AND PINT PRICES include postage. If to go by express, at buyer's expense, deduct 15 cents from the quart, or 8 cents from the pint prices.

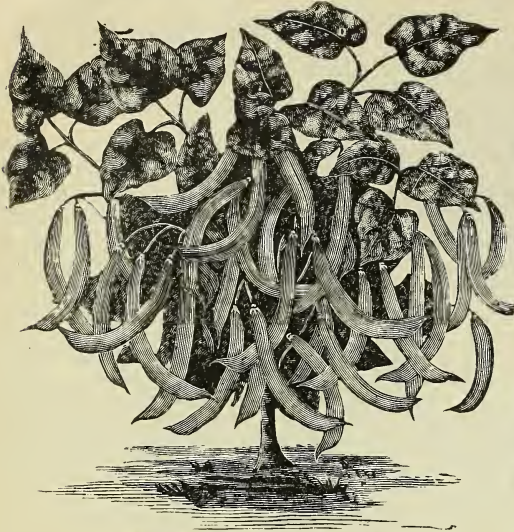
LARGE PACKETS—Customers write us that our packets are well filled and generally contain more seeds than others.

GREEN POD VARIETIES.

Extra Early Round Pod Valentine—At least ten days earlier than the Early Valentine, and usually ready to pick in 35 days after planting. Pods round, thick and fleshy, of finest quality and unequalled in uniformity of ripening; one of the most profitable sorts for gardeners. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$1.30; bus., \$4.50.

White Valentine—The seed of this bean being white gives it additional value, as it can be used green as a snap bean or as a winter shelled bean. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

Early Mohawk—First early; none better for first planting; productive, very hardy, almost rust proof; can be used when half grown. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.00.



Extra Early Round Pod Valentine.

Early Warwick—One of the earliest if not the earliest Green Bush sort; stringless, a heavy cropper and good shipper. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

Long Yellow Six Weeks—A fine early string bean. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.00.

Refugee, or Thousand to One—Hardy; abundant bearer; flesh thick and tender. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.00.

Broad Windsor—Best English variety. Pkt., 10c.; ½ pt., 15c.; pt., 25c.; qt., 50c.

Livingston's Round Six Weeks—A most excellent green podded snap bean. It is not only extra early, but is a good, strong grower and abundant cropper. No green podded sort approaches it in freedom from strings. A favorite with all Market Gardeners. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$4.75.

Improved Dwarf Horticultural (GODDARD, BOSTON FAVORITE)—Early; excellent for market; good shell bean. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

Emperor William—Produces immense flat green pods in great profusion; very early and of splendid quality. Largest podded of all bush sorts. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

Extra Early Refugee—Has all the good qualities of the famous Refugee; immense yielder; sure to produce a good crop in either wet or dry season. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$1.40; bus., \$4.50.

Best of All Dwarfs—Pods long, very fleshy, succulent, stringless and rich in flavor; are produced early and abundantly; one of the most valuable green podded beans for market or family use. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bus., \$4.50.



Best of All Dwarf Beans.

Improved Navy or Boston Pea Bean—An excellent variety; very productive; early and hardy; white pods, generally in clusters. A favorite for baking. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bus., \$3.75.



Livingston's Round Six Weeks.

FIELD VARIETIES.

White Kidney (ROYAL DWARF)—An excellent "shell bean," green or ripe. One of the best for winter use. Unsurpassed for baked beans. Beans long, large, white, kidney-shaped. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bus., \$3.75.

Prolific Tree—Very prolific; only one bean should be planted in a hill. Small, white; one of the best dry beans for market purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bus., \$3.50.

White Marrow—Extensively grown for sale as a dry bean. Excellent shelled either green or dry. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bus., \$3.75.

**IMPROVED NAVY OR BOSTON PEA BEAN**

DWARF WAX OR YELLOW POD VARIETIES.

Challenge Dwarf Black Wax—A distinct sort, *fully one week earlier than any other Wax Bean*, while its vigor and productiveness leave nothing to be desired. The pods are large and of good color, grow uniform and well together; none better for first early crop. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.50.

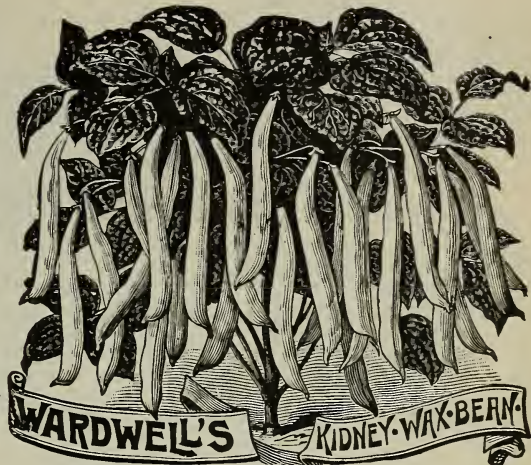
German Black Wax—Early, stringless, pods round, waxy-yellow, solid and tender. Packet, 10c.; pint, 20c.; qt., 40c.; pk., \$1.40; bus., \$5.00.

Prolific German Wax (Cylinder Pod)—An improved strain of Black Wax, having longer, whiter, and more fleshy pods, and more productive. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.50.

Wardwell's Kidney Wax—Vine of medium size, erect, hardy and productive. Pods long, broad, flat, and of a delicate waxy-yellow, and brittle. Beans large, kidney-shaped, white, with dark markings about the eye. A first-class snap bean, and a good winter shell sort; as early as the common Golden Wax. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.25.

Yosemite Mammoth Wax—The monster pods of this new variety average 10 to 14 inches in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious; rich golden yellow; a vigorous grower, covering the ground with its heavy foliage. A desirable variety. Pkt., 10c.; ½ pt., 20c.; pt., 35c. qt., 60c.; pk., \$2.50.

Black-Eyed Wax—One of the earliest in cultivation. Pods long and beautiful in color; very tender; fine flavor; very productive; vigorous grower. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.



Rust Proof Golden Wax—Best strain of Golden Wax Bean on the market. It is harder, much more prolific, holds its pods up better, and is of better quality. The pods are straighter, longer and thicker than the ordinary Golden Wax, and are rust proof. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.50.

Crystal White Wax—Distinct and one of the best. Quick to mature, slow to harden, retaining their juicy, succulent flavor for days after they are ready to pull. The pods are ivory white, of good size, round, and very fleshy. An attractive market sort. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$1.50; bus., \$5.50.

Golden-Eyed Wax—The remarkable beauty and manner of growth of this variety makes it very popular. Extremely early and vigorous, growing very rapidly, and yields a great profusion of tender, succulent pods, of beautiful waxy appearance; its flavor is unexcelled. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.25.

Scarlet Flageolet Wax—A very showy wax variety. As early as the Black Wax, and nearly always exempt from rust. The plants are large, erect, very productive; pods of extra large size, often a foot in length. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.

Violet Flageolet Wax ("Perfection Wax")—Plant large. Pods long, large, more twisted than the Scarlet, a little later and distinctly larger. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.

Ferry's Golden Wax—Very early stringless bean of golden wax color, of excellent quality; well-known and extensively used by market gardeners. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.50.

White-Seeded Wax—Excellent snap bean; fine for shelling; seed pure white. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.



DWARF OR BUSH LIMA BEANS.

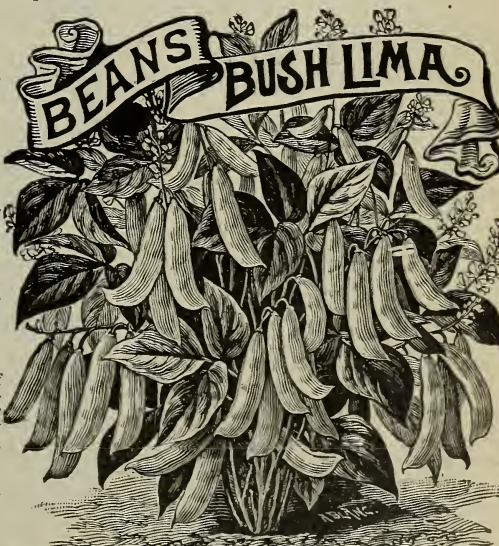
The following varieties are of true dwarf or bush form and grow but 18 to 20 inches high, growing without the aid of stakes, poles or other supports. The bush varieties are about two weeks earlier than the Climbing Limas and are abundant bearers until frost. Should be planted, when the weather and ground have become warm, in rows two feet apart and single plants one foot apart in the row.

Henderson's Dwarf Lima—The first Lima ever introduced that grows without the aid of poles in compact bush form, and produces enormous crops of delicious Lima Beans which can be as easily gathered as the common bush sorts. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.00.

Dreer's Dwarf Lima—A true bush form of Dreer's Lima Pole, of branching habit, matures early and very productive. The beans, in a green state, are not quite as large as the Large Lima, but grow closer together in the pods, are thicker, sweeter, more tender and succulent, and remain green after maturing. Many of the pods contain five beans, and nearly one-half contain four. Single plants often bear 100 to 150 pods. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$2.75; bus., \$10.00.

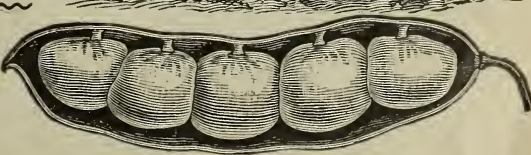
Burpee's Dwarf Lima—Beans as large as the Large Pole Lima but strictly dwarf and come absolutely true from seed. Of stout growth and always erect, *branching vigorously*. The bush character is thoroughly established. It is a sure cropper, an *immense yielder*, bearing from fifty to two hundred handsome, large pods, well filled with very large beans, *identical in size and luscious flavor to the well-known Large Pole Limas*. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$2.75; bus., \$10.00.

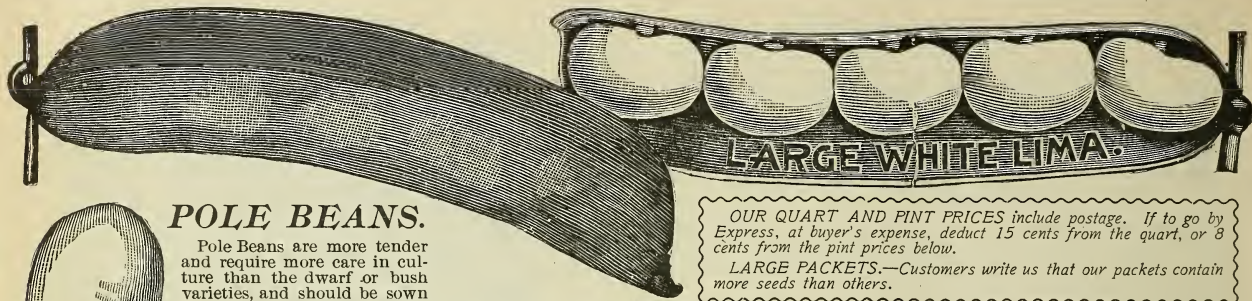
Kumerle, or Thorburn—A dwarf form of the famous Challenger Lima—fixed in habit, exceedingly productive. The pods are short and thick, *easily shelled*. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$2.75; bus., \$9.00.



Bishopville, Ohio, March 15, 1895: "Your seed gave entire satisfaction last year. Heretofore I have been in the habit of dividing my order among seedmen. But, upon impartial trial, the True Blue Seed gave the best satisfaction, and hence I am yours only so long as you continue your present mode of business. S. L. LEWIS.

Edison, Ohio, March 27, 1895: "Have been using your seed for the last year, and I find the best quality that I ever had, and was very much pleased with the seed that I got of you last season. J. R. YOUNG.





POLE BEANS.

Pole Beans are more tender and require more care in culture than the dwarf or bush varieties, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. From hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving space in the center for the pole. When the beans are well started they should be thinned to two or three plants in a hill. One quart makes 100 to 200 hills, according to size of beans. Eight to twelve quarts plant an acre.

POLE LIMA BEANS.

Lima beans will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.

Extra Early Jersey—The beans are nearly as large and equally as good as the late sorts, but two weeks earlier. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$2.00; bus., \$7.50.

Dreer's Improved—Vines vigorous and productive; the pods short, broad, straight and coarse; the beans are much thicker than the ordinary Limas. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$2.00; bus., \$7.50.

Challenger Lima—Similar to but an improvement on Dreer's Improved; more prolific, pods and beans larger, of the same shape. It is early and continues bearing its closely crowded clusters of pods until frost. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$2.25; bus., \$8.00.

Ford's Mammoth-Podded—Pods are six to nine inches long, produced in large clusters, and containing from five to seven beans each; of excellent quality for using either green or dry. Pkt., 10c.; pt., 35c.; qt., 60c.; pk., \$3.00; bus., \$10.00.

Large White—Considered by many the most delicious of the bean family. A general favorite for home use or market. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

Small White—(CAROLINA SEWEE OR SIEVA) Resembles the Large Lima, but has smaller leaves and seeds. Is earlier and more hardy. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.75; bus., \$6.50.

King of the Garden—A vigorous grower, bearing profusely, large pods varying in length from five to eight inches; beans large and of rich flavor. Pkt., 10c.; pt., 30c.; qt., 55c.; pk., \$2.00; bus., \$7.50.

Mammoth Kidney-Shaped—The beans are extra large and fine in every way. Pkt., 10c.; pt., 30c.; qt., 55c.; pk., \$2.00; bus., \$7.

POLE OR RUNNING BEANS.

White Creaseback—An extremely early green pod bean which cannot be praised too highly. It is a good grower, vines small to medium, and exceedingly productive; the long pods are produced all over the vine in clusters of from four to twelve; perfectly round, with a crease in the back; stringless, very fleshy and of fine quality. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.85; bus., \$7.00.

Giant Red Wax—Long, yellowish-white waxen pods, thick, fleshy, tender, fine flavored and keeps green a long time in fit condition for use. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$2.25; bus., \$8.00.

White Dutch Case Knife—One of the earliest; a splendid green shell bean, also a fine dry bean for winter use; good for planting among corn. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.

LARGE WHITE LIMA.

OUR QUART AND PINT PRICES include postage. If to go by Express, at buyer's expense, deduct 15 cents from the quart, or 8 cents from the pint prices below.

LARGE PACKETS.—Customers write us that our packets contain more seeds than others.

Lazy Wife's—The pods grow from six to eight inches long, entirely stringless, of a rich, buttery flavor when cooked. Pods retain their tender, rich flavor until nearly ripe; a good white shell bean for winter use. Pkt., 10c.; pt., 30c.; qt., 55c.; pk., \$2.25; bus., \$8.00.

Kentucky Wonder—A very prolific sort, bearing its pods in large clusters; pods green, often reaching nine or ten inches, nearly round when young, and very crisp. Pkt., 10c.; pt., 30c.; qt., 55c.; pk., \$2.25; bus., \$8.00.

Red Speckled Cut-Short, or Corn Hill—An old variety very popular for planting among corn, and will give a good crop without poles, vines medium, not twining tightly; pods short, round and tender. Pkt., 10c.; pt., 30c.; qt., 55c.; pk., \$2.00; bus., \$7.00.

Horticultural, or Speckled Cranberry—the old "Bird Egg" Bean—Round, speckled; tender for snap beans; not excellent for shelling and succotash. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

Southern Prolific—A very prolific sort, popular in the South and good anywhere. Pods green, cylindrical, long, fleshy, crisp and excellent. Pkt., 10c.; pt., 25c.; qt., 55c.; pk., \$1.75; bus., \$6.50.

Yard Long, or Cuban Asparagus Bean—This is quite a curiosity.

It is a pole bean, with dark green foliage, and pods growing TWO FEET AND UPWARD IN LENGTH. The pods of such extraordinary length are produced very abundantly. Pkt., 10c.; pt., 35c.; qt., 60c.

White Dutch Runner—Has large white seed and beautiful clusters of white flowers; good green shell bean. Pkt., 10c.; pt., 25c.; qt., 45c.

Powell's Prolific—A most rampant grower, one plant filling a pole with a mass of vines densely loaded with beans; almost a solid mass of pods from bottom to top of the pole. Handsome green pods averaging eight or nine beans to the pod, grow very uniform, about six inches long; perfectly stringless, very thick meated, tender, rich and buttery; *everbearing*; very profitable for market gardeners. Pkt., 10c.; pt., 35c.; qt., 60c.

Scarlet Runner—This favorite climber produces clusters of beautiful scarlet flowers; grown principally for ornament but can be used as a green shell bean. Pkt., 10c.; pt., 25c.; qt., 45c.

Golden Cluster Wax—Undoubtedly the earliest pole Wax variety. Although it begins to bear early it continues until frost. Every one is surprised at their beautiful appearance and productiveness. Pods from six to eight inches long and borne in clusters of from three to six, and are most freely produced; stringless, very tender and of delicious flavor; very profitable to grow for market. Pkt., 10c.; pt., 30c.; qt., 55c.; pk., \$2.50; bus., \$9.00.



KEEP IN MIND
THAT OUR PRICES
INCLUDE POSTAGE.

BROCCOLI.

French—Chou Brocoli. German—Spargel Kohl.

Sow thinly in seed beds about the middle of spring, and transplant and cultivate the same as cabbage. Produces heads very nearly like Cauliflower, but more hardy.

Early Large White—Heads medium size, close, compact and of creamy white color. One of the most certain to head. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00.

Early Purple Cape—Differs in color. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.

BRUSSELS SPROUTS.

French—Chou de Bruxelles. German—Sprossen Kohl.

This is one of the most delicious of all vegetables, and of easy growth, but is not so well known in America as it deserves. Produces on the stem small heads resembling miniature cabbages. The sprouts are used as greens and become very tender when touched by the frost. Sow in May and manage as winter cabbage. In the fall the leaves should be broken down so that the little cabbages will have more room to grow.

Best Improved Dwarf—Produces compact sprouts of finest quality; a good keeper. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.

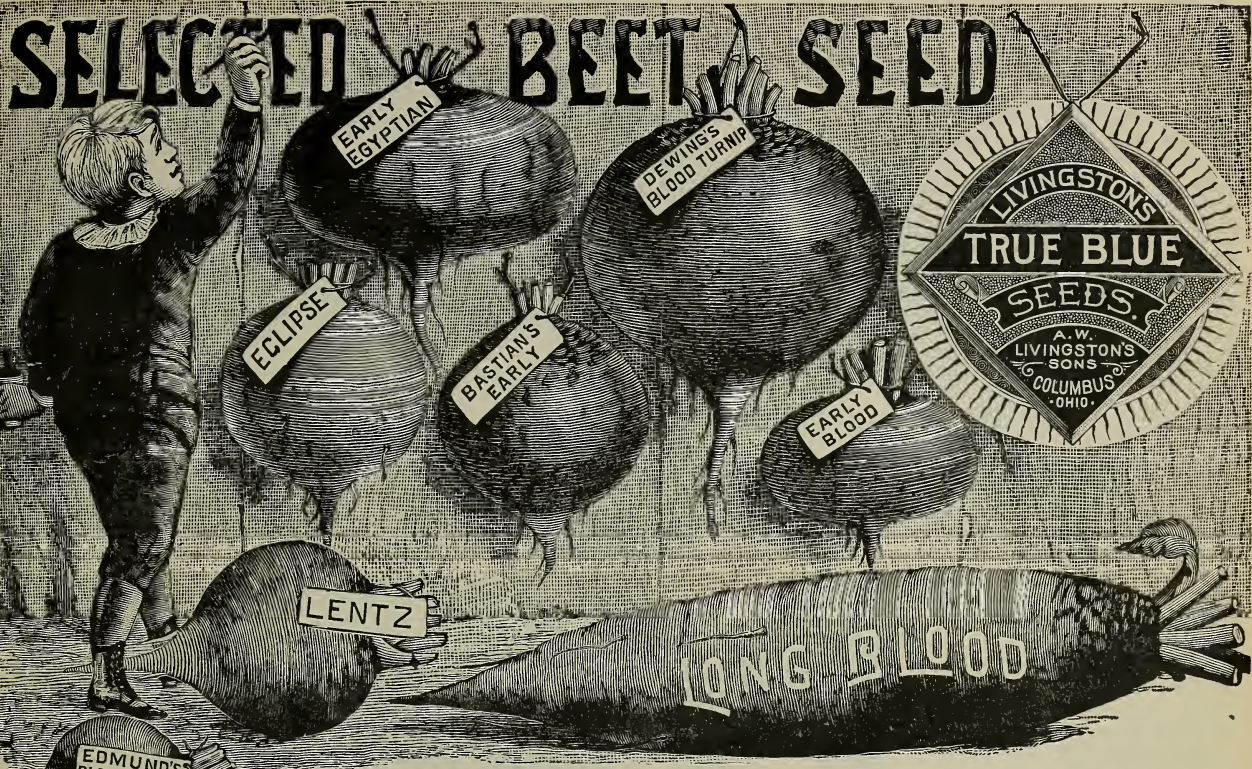


TABLE BEETS.

French—*Betterave*.
German—*Runklr-Rübe*.
Spanish—*Betteraga*.

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly enriched with manure. If wanted very early, sow in hot-beds and transplant; but for main crop sow in the spring as soon as the ground becomes fit to work, in drills eighteen inches apart and two inches deep. For winter use the turnip varieties may be sown as late as June. When plants have attained three or four inches thin out so that they stand five or six inches apart. Keep free from weeds by frequent hoeing and hand weeding, if necessary. Before freezing weather sets in, the roots may be stored

in cellars or pits, as potatoes; dry earth thrown over them before the straw and earth covering is put on insures their keeping over winter. Be very careful not to bruise them in handling. One ounce of seed to 50 feet of drill, 5 to 6 pounds to the acre.

CROSBY'S IMPROVED EGYPTIAN—Our Leader.

Extra Early—A very superior strain of blood red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to Globe and Half Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. Once used it is preferred to all others for forcing in frames or for first sowing outside. Many of our market gardeners place their orders (5 to 25 lbs.) several months ahead, so as to be sure of it at planting time. It is a very good variety for family use. Being a rapid grower it may be sown outside as late as July. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

Early Egyptian—Very early, dark blood-red, of medium size; tender and sweet; used for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Early Blood Turnip—Old standby. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Edmunds' Turnip—Deep red; good size; smooth; small top; very early and decidedly popular. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Mitchell's Blood Turnip—Early; small tops; deep red; very desirable beet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Early Flat Red Bassano—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

DEWING'S IMPROVED BLOOD TURNIP.

The best main crop variety. Roots are smooth and handsome, good size, tender and sweet. A great favorite with marketmen. Our stock is grown from *Selected Beets* and is unexcelled by any in the country. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Arlington Favorite—A new Beet, which, for form, flavor, deep blood-red color of the flesh, small foliage, and general market garden cultivation cannot be excelled, if equaled, by any other. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Eclipse—Very early handsome, smooth, dark, globe-shaped beet with small top; very desirable quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Lentz—Has very small top; originated with a market gardener near Philadelphia. It is about as early as Egyptian, producing a crop in six weeks from time of planting. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

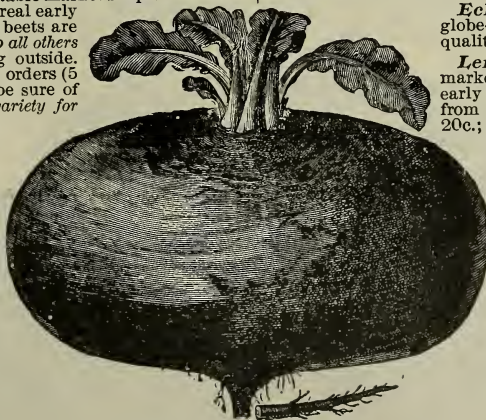
Bastian's Early Blood Turnip—Quite early; blood-red; smooth; fine form. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Bastian's Half-Long Blood—Bright color; excellent quality; valuable to follow Bastian's Early. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Improved Long Dark Red—Good keeper, and grown mostly for winter use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Pineapple—Excellent half-long variety; dark red foliage; roots rich dark crimson. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Swiss Chard—Silver or Sea Kale Beet—Cultivated for its leaves. The mid-rib is stewed and served as asparagus, other portions of the leaf being used as spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.



Crosby's Improved Egyptian Beet.

Pomeroy, Ohio, September 27, 1895: "Your Crosby's Egyptian Beets were the earliest in the market, and sold faster than any in the market. The First in Market Peas were also very fine and sold well in the market. My garden was very nice considering the weather."
L. YOUNG.

McKinney, Ky., October 1, 1895: "The Arlington Favorite Beet is very tender through all stages of growth and never woody. It is the largest Beet I have grown for many years, and is unexcelled for table use. No better is in existence. Your County Fair Pepper is one of the best Peppers in the country."
JOHN WAGGONER.

MANGEL WURZEL AND SUGAR BEETS.

The value of these for stock feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immense crops per acre, if the soil is rich—you can hardly get it too rich—they make a heavy growth and the rows should be at least two feet apart, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivating.

Five or six pounds of seed required per acre.

Golden Tankard—An extremely desirable and comparatively new variety which is fast superseding the old sorts. Flesh bright yellow, and in this respect differs from all other varieties which cut white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs. for \$1.75.

Yellow Ovoid—Intermediate between the Long and Globe varieties. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs. for \$1.60.

Golden Giant Intermediate (Yellow Leviathan, Mammoth Yellow)—A decided improvement on Yellow Ovoid. Beautiful russet-yellow color; remarkably even in shape; smooth skin; the flesh is white, firm and sweet. Produces enormous crops and is an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 pounds for \$1.75.

SUGAR BEETS.

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a large amount of saccharine matter. Thousands of acres are planted with Sugar Beets in Europe for the manufacture of sugar. They are excellent for feeding cows, improving wonderfully the quantity and also the quality of the milk.

Lane's Improved Imperial—An American variety, and the best stock-feeding beet for this country. It is not so sweet as the French Sugar beets grown especially for sugar making, but the roots are longer and more symmetrical, of fine grain and very sweet, making it good for table use or for cattle feeding. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs. for \$1.75.

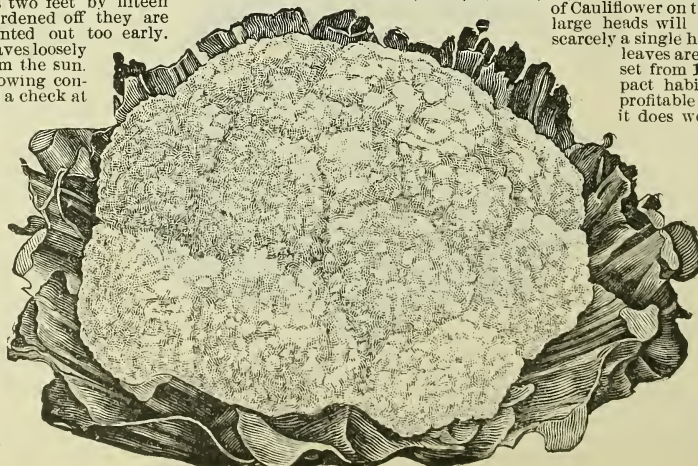
French Red Top—Ripens early and yields large returns in sugar per acre; heavy cropper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs. for \$1.60.

CAULIFLOWER.

German—*Blumen Kohl*. French—*Choufleur*. Spanish—*Coliflor*.

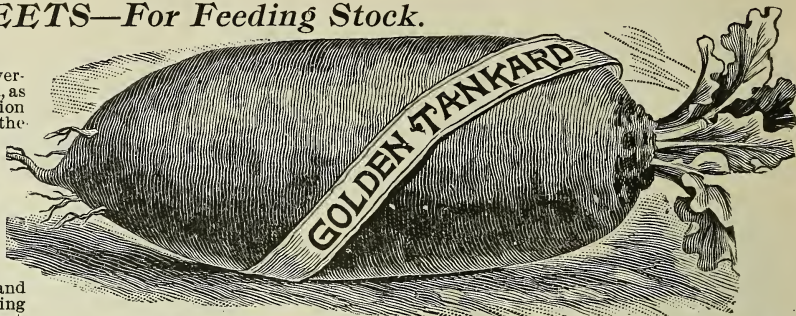
The culture of Cauliflower is similar to Cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in the hot bed in January or February, and transplant the plants two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude is usually from the 15th of March to the 10th of April. Set the plants two feet by fifteen inches apart. If properly hardened off they are seldom injured by being planted out too early. When heading tie the outside leaves loosely over the head to protect it from the sun. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth. One ounce gives 1,500 to 2,000 plants. No seed is more important than Cauliflower. Price should not be considered.

LIVINGSTON'S EARLIEST—(Select Stock.) The best of all for forcing under glass, a compact grower, extremely early, sure heading, heads large, solid, and as white as snow. Gardeners who have tested this fine stock invariably pronounce it the most profitable variety for either early or late planting. In short, it is an excellent all-seasons Cauliflower. Price under our TRUE BLUE SEAL, Pkt., 25c.; ¼ oz., \$1.00; oz., \$3.75; ¼ lb., \$14.00; lb., \$45.00.



Livingston's Earliest Cauliflower.

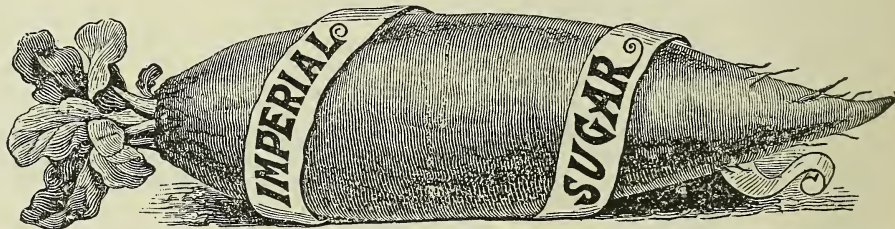
BEETS—For Feeding Stock.



Champion Yellow, or Orange Globe—Very productive, easily pulled, and an excellent keeper; spherical in shape; orange yellow. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs. for \$1.75.

Red Globe—Similar to the Yellow Globe, differing only in color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs. for \$1.60.

Mammoth Long Red (also called **Norbitan Giant, Jumbo Mangel, Colossal**, etc.)—A large well formed variety; blood-red color; exceedingly nutritious. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express—lb., 40c.; 5 lbs., \$1.60.



French Yellow—Grows to a large size, much above ground; roots half long, yellow; grown in this country for feeding stock. In France it is cultivated extensively for sugar. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c. By express—lb., 35c.; 5 lbs. for \$1.50.

Vilmorin's Improved Imperial—A medium sized white sugar beet, brought by the most careful selection to the highest perfection, both in shape, size and color of the roots. Greatly esteemed by sugar manufacturers. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. By express—lb., 55c.; 5 lbs. for \$2.25.

Large Late Algiers—A splendid late variety; popular with canners and market gardeners. Seldom fails to produce large, white heads. Pkt., 10c.; ½ oz., 40c.; oz., 75c.; ¼ lb., \$2.25; lb., \$8.00.

Half Early Paris, or Nonpareil—Heads large, white and compact; good for either early or late use. Pkt., 5c.; ¼ oz., 20c.; oz., 65c.; ¼ lb., \$2.00; lb., \$7.00.

Lenormand's Short-Stemmed—Large, late, short-stemmed variety, producing well-formed heads of excellent quality. Pkt., 10c.; ½ oz., 40c.; oz., 75c.; ¼ lb., \$2.00; lb., \$7.50.

HENDERSON'S EARLY SNOWBALL—One of the best types of Cauliflower on the market. If planted March 1, large heads will be produced early in June, and scarcely a single head will fail to form. The outer leaves are short, so that the plants may be set from 18 to 20 inches apart. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting. Our stock cannot be excelled in quality. Pkt., 25c.; ¼ oz., 85c.; ½ oz., \$1.50; oz., \$3.00; ¼ lb., \$9.00; lb., \$32.00.

Extra Early Dwarf Erfurt—The favorite German variety. Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. Pkt., 20c.; ¼ oz., 75c.; ½ oz., \$1.30; oz., \$2.50; ¼ lb., \$8.00; lb., \$30.00.

Veitch's Autumn Giant—The heads are beautifully white, large, firm and compact, and being thoroughly protected by the foliage, remain longer fit for use. Pkt., 5c.; oz., 65c.; ¼ lb., \$1.75; lb., \$6.50.



CABBAGE.

French—*Choux Pommes*.
German—*Kopf Kohl*.
Spanish—*Repollo*.

Cabbage requires deep, rich, mellow soil, high manuring and good culture, in order to obtain fine, solid heads. For early use sow seeds of the early kinds in the hot-bed or in a box in the house, the last of January or early in February, and transplant them in the open ground in April, in rows two feet apart and eighteen inches between the plants in the row; or sow a bed of seed outside as soon as the soil can be worked, if you do not care for real early cabbage. These may be transplanted in about four weeks. For second early cabbage sow in April and transplant in May. For late cabbage sow in May and transplant in July, in rows three feet apart and two feet between the plants in the row. In transplanting cabbage or cauliflower it is important that plants be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir the ground deep. As they advance in growth draw a little earth to the plants until they begin to head. To prevent splitting or bursting of cabbage go frequently over the ground and start every cabbage that appears to be about to mature, by pushing them over sideways, which breaks some of the roots and checks its growth. To prevent the attacks of cabbage fly on small plants, dust thoroughly with plaster, air-slaked lime, or use wood ashes, freely over the young plants. For the cabbage worm try "Slug Shot." (See Insect Destroyers in back part of this catalogue.) One ounce of seed produces about 2,500 plants. Four ounces grow enough plants to set an acre.

EXTRA EARLY EXPRESS.—*The Earliest Cabbage in the World.*—While not as large as Jersey Wakefield, it is several days earlier, and for a first early variety cannot be excelled. It resembles the Etampes in character and appearance, having solid, compact heads of conical form, of yellowish-green color; very dwarf and very uniform; desirable as a quick forcing sort. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

Very Early Etampes.—The earliest of all cabbages except Express. Heads oblong, rounded at top, solid and firm, medium size, very fine quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

ALL-HEAD EARLY.—We can fully endorse all claims made for this excellent variety, but it is no earlier than our strain of Early Summer. It is a thoroughbred sort, on account of its remarkably uniform size and shape, and its reliability for heading. The grower has admirably succeeded in combining size, earliness and compactness of growth into this sort. The deep flat heads are solid and uniform in color as well as in shape and size. The main feature of a good Cabbage is *tenderness*, and in this respect it is unsurpassed for winter use. Seed sown in July, and the plants set out about the middle of August, will bring heads, large and solid, which are sure to winter well. By reason of its compact growth and absence of loose leaves, fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants 18 inches apart in rows, with 3 feet between the rows and 9,680 plants can be set on an acre, ninety-five per cent. of which, in an ordinary season, and with reasonable cultivation, will make good merchantable heads. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

HENDERSON'S EARLY SUMMER.—*Selected Stock.*—Is about ten days later than the Wakefield, but being fully double the size, it may be classed as decidedly the best large early cabbage, and is deservedly popular with market gardeners. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open after heading than any variety we know of. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.25.

Early Dwarf Flat Dutch.—An excellent second early variety producing fine large heads after the first early varieties have disappeared. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad and round, flattened on top; tender and fine-grained. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

EARLY JERSEY WAKEFIELD.—*Selected Stock.*—Many market gardeners consider this the *very best early cabbage* in cultivation. It is certainly deserving of its great popularity, and is grown extensively for market and shipping. Its merits are many, among which may be mentioned its large size head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. This is the sort mostly used for wintering over in cold frames. *The seed we offer is first-class*, and is sure to give satisfaction. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

LARGE WAKEFIELD, or Charleston Wakefield.—A selection from Early Jersey Wakefield, only it is about a week later than that popular early variety, but grows much larger, heads often averaging 15 to 18 lbs., as solid as Winningstadt and exceeding it in a sure header and in earliness. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

New Pittsburg, Ohio, March 14, 1895: "I used your seeds last year and was well pleased with them. Your Cabbage was far superior to any other cabbage seed; every seed and every plant produced a large and solid head. I will say that I have discarded all but Chase's Excelsior and Lupenburg Cabbage because they excel all others." JULIUS GLASGOW.



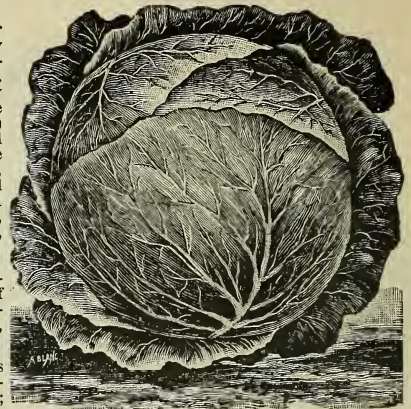


Chase's Excelsior Cabbage.

Chase's Excelsior, An All-the-Year Round Variety—We have made a specialty of this Cabbage for many years and never introduced anything that gave better satisfaction. It is a medium early variety, following Early Summer, but with heads almost double the size. It can be planted (as a second crop) twenty days later than the Flat Dutch, and still mature almost as many pounds to the acre. It is very uniform in type, sure to head, and is exceedingly solid. Few varieties will produce so many well formed, large, solid heads from the same number of plants. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Burpee's Sure Head—Is a very reliable header, large, round, flattened heads of the Flat Dutch type; a good keeper and shipper; exceedingly popular. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Low's Peerless Early—Nearly equals the Wakefield in earliness, is very solid, uniform in size, averaging about 12 lbs. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.00.



Burpee's Sure Head Cabbage.

Early Winningstadt—The Old Standby—Well-known and very popular everywhere, in season very close to the Wakefield. Heads large, decidedly conical, leaves bright, glossy green; heads solid and hard, even in summer. This is a very sure-heading variety, valuable not only for early use but also for winter cabbage. As near worm proof as any cabbage in the list. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

All Seasons—A greatly improved strain of Early Flat Dutch. Heads very large, round, solid and of fine quality, keeping as well as the winter sorts. Plant very vigorous, but sure heading. Remarkable for its ability to stand the hot sun and dry weather. One of the very best sorts for general cultivation, and none better for late planting. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Filderkraut—Introduced from Germany several years ago. It is very solid and sure to head; heads pointed conical; resembles the Winningstadt, but is larger and more pointed. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Gregory's Cannon Ball—One of the best early sorts. The heads are round, hard, solid and heavy. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Reynolds' Early—A cross between the Schweinfurt Quintal and Cannon Ball Cabbage. It is claimed that the Reynolds is the only cabbage that was ever produced in this country by an actual crossing of two varieties. Most of the new kinds are only strains made by careful selections. It is as early as the Schweinfurt and partakes of the hardness of the Cannon Ball. The flavor is rich, tender and sweet, being superior to the Drumhead class, making it a valuable variety for family use, and also for marketing where there is not a long transportation. None has a shorter stump than this (heads appear to rest directly on the ground) and none is surer to head. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.



Early Winningstadt Cabbage.

Henderson's Succession—Now well known, is about one week later than the Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. One of its characteristics is the fact that it is always sure to head. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Vandergaw—A quick growing Flat Dutch variety, suitable for Fall and winter use, like the All Seasons, which it closely resembles. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Early Louisville Drumhead—A favorite about Cincinnati and Louisville, where it has been grown for forty years. Heads very large and solid; a sure header; will stand, without bursting, almost the entire summer. For winter use, sow late in the season. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Early Deep Head—An improvement over the old Fottler cabbage, and a magnificent variety. It makes a larger and thicker head, hence it is better to keep over winter, "peeling" well in the spring. Customers say: "We find Deep Head to be the best second early cabbage we ever raised." "You do not speak highly enough of Deep Head; it is the best cabbage we ever had." "Deep Head is the best we ever raised; sure to head large and solid." Pkt., 5c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

New Castle, Pa., September 5, 1895.
The Early Jersey Wakefield Cabbage I got from you did fine; most every one made a splendid head in spite of the terrible hot and dry weather we had.

LOUIS SCHMIDT.



Reynolds' Early Cabbage.



Early Deep Head Cabbage.

Danish Ball-Head—A Denmark cabbage and grown almost exclusively for winter use, and annually exported in large quantities. Has been selected for more than 50 years by Danish gardeners. Heads are hard, round, of good marketable size, fine grained and long keepers. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Large Late Flat Dutch—Grows to a large size, the flat, solid heads often weighing fifteen to twenty pounds. A sure header and a good keeper over winter, extensively grown for shipping. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Warren—An improved old Stone Mason Cabbage. It makes a deep, round and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading, it is hard to surpass; a field of them, when in their prime, is a pretty sight. An excellent sort to carry through the winter. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Autumn King—One of the finest strains of Late Cabbage ever offered. It produces regular, even heads of ENORMOUS SIZE, and can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, from the fact of its producing so few outer leaves. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

World Beater—A very large autumn or winter cabbage, "solid as a rock," true to type, sure to head, fine grained and tender, stalks short, foliage dark green with brownish tinge. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Fotller's Short Stem Brunswick—A rapid grower, has large, solid heads and but few outside leaves. If planted early it is ready for use in July or August; planted late it is a choice winter sort. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Bridgeport Drumhead—The most popular cabbage grown about Chicago, and shipped more largely than any other from that market; it seems to possess all the points desired by large growers. Our seed is good but not so exorbitant in price as some. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Large American Drumhead—A very superior fall and winter variety, large solid heads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Stone Mason—The old reliable, late market sort, with short stems and fine large heads. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



COPYRIGHTED 1887, BY J. H. GREGORY
M. HEAD

Hard Heading.

Hard Heading, or Luxemburg—Owing to its many remarkable keeping properties and the fact that the head remains as green as when gathered in the fall, it is the king of all cabbage for late spring selling. "Late-keeping" would have been an appropriate name, for in this it occupies the field without a competitor. For spring and late spring sales, when cabbages usually bring their highest price, this is the cabbage. It is largely grown for the shipping trade. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

Marblehead Mammoth—Largest cabbage in the world. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

**LIVINGSTON'S
PREMIUM FLAT DUTCH.**

About ten years ago we set out to build up a strain of Large Late Flat Dutch Cabbage that would be better than any other on the market. We are strongly convinced that we now have it in our Select Premium Flat Dutch. Our purpose has been to weed out every objectionable point, and to fix firmly every good quality. It produces many tons to the acre, because of its solidity and compact, snug manner of growth. Unlike most large sorts, it is solid to the heart. Seeds having been grown always from heads (not from stalks after the heads were taken off) fully developed and perfect in every respect, this strain has a most vigorous constitution. For the winter market it has no superior. Heads are large and very solid; they open white, crisp and tender, and with good cultivation is sure to head. Grown largely by marketmen on account of its good shipping qualities. Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75; 2 lbs., \$5.

RED CABBAGE.

Extra Early Dark Red Erfurt—The earliest and finest red. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Red Drumhead—Head large, rounded in shape, hard; very deeply colored at the heart. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Mammoth Rock Red—Heads as large as the Flat Dutch, deep red to the center; highly recommended. Hard as a rock. Pkt., 10c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

Early Paris Savoy—The best early Savoy. It matures very early, the heads are firm, solid, beautifully crimped, and of the finest quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

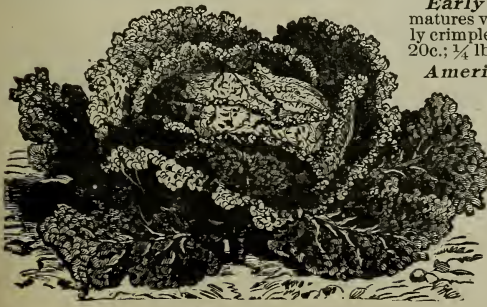
American Drumhead Savoy—A late Savoy and far superior to the ordinary imported Drumhead Savoy. Heads large and very finely curled; short stalk and compact grower; an excellent keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Marvin's Large Savoy—This distinct and most excellent variety originated with a Long Island trucker, and is the finest of the Savoy class. It is very uniform, solid, very curly and a sure header (ninety to ninety-five per cent.) Its flavor is unsurpassed by any late cabbage. Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Livingston's Premium Flat Dutch Cabbage.

SAVOY CABBAGE.

The Savoy or Curly Cabbages are of much finer flavor and quality than the best of other kinds, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.



Curled Savoy Cabbage.



Red, or Pickling Cabbage.

SUPERIOR CELERY SEED.



CELERY.

German—*Sellerie*. French—*Celeri*. Spanish—*Apis*.

CELERY CULTURE—Celery can be successfully grown with but little labor, in any good garden soil, if plenty of well-rotted manure or high-grade fertilizer is used. It delights, however, in low, moist, rich bottom land, or well-drained muck soil. It is usually grown as a second crop.

Growing the Plants—It is not necessary to sow the seeds in a hot-bed or cold frame, as it is apt to run to seed if started too early, but sow in the open ground as soon as it is fit to work in April. Sow in rows so that it can be kept free from weeds. Prepare the soil well and cover the seed very lightly. It is quite slow to germinate. After coming up the plants should be shaded partially for a week or ten days, and see that the soil does not get too dry. When two inches high cut off the tops. This may be done again later, and will insure good "stocky" plants.

Transplanting—The evening is the best time, and especially if after a shower; otherwise give them a good watering, and you will lose but very few plants. Remember that it is essential that the soil be pressed firmly about each plant when set out, especially if done in a dry time; the old method of setting in deep trenches is a thing of the past. Some of our most successful growers set on the level surface, while others prefer a broad, shallow trench, only three or four inches deep. These should be at least three feet apart for the dwarf, and not less than four feet for the larger sorts; set plants in single rows, not over six inches apart in the trench. Transplanting is done about the middle of June for the first early, and as late as the middle of August for the latest. Keep well cultivated, and, in about six weeks, "handling" should begin (never do this when wet from rain or dew). This is done to make the celery grow upright. The soil is drawn to the row from each side with an ordinary hoe. Now take all the leaves of the plant in one hand and with the other draw the soil around it, pressing firmly, being careful that no soil gets between the leaves, as it is apt to cause rust, or rot the plant. In about two weeks, or as often as is necessary to keep the leaves in this upright position, more soil should be drawn to the row. One ounce of the seed produces 2,000 plants.

For fuller details on growing, storing and marketing celery send for the latest, best and most complete work ever written on the subject—**"Celery Growing and Marketing a Success"**—handsomely bound in cloth, and fully illustrated, published by one of the largest and best growers of high-grade celery in Michigan; 50c, or it will be sent free to any one purchasing \$5.00 worth of Celery Seeds at prices here quoted.

GOLDEN SELF-BLANCHING—It is quite as self-blanching as White Plume and simply needs a slight earthing up. The entire plant is of an attractive yellowish-green color, and as it approaches maturity the inner stems and leaves become a beautiful waxy golden color. It grows to good size, is very tender, crisp and solid, and when well grown is of excellent quality and very beautiful. Invaluable to the gardener and exceedingly popular with every planter. An excellent sort for early planting, and a good keeper. Pkt. 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW ROSE—The red and pink celeries have been deservedly gaining in popular favor for several years past, because they are harder and better keepers than the yellow and white sorts, and because of their superior flavor and crispness. This new sort is the best of all pinks, and combines with the above fine qualities a handsome appearance which renders it an attractive ornament to the dinner table, the heart and stem being shaded to a fine rose color, entirely free from stringiness, keeps well and is a good one for late use. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

GIANT PASCAL—Developed from the Golden Self-Blanching, it retains the beautiful color, the thick, solid, crisp stalks, and the incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks, equal in length to the best grown White Plume, never in the least stringy. It is unequaled for rich nutty flavor, absolutely free from any bitter taste. Blanches very easily, and as "brittle as a pipe stem." The quickness and ease with which it is bleached is remarkable, as only earth enough to hold it in an upright position is required. Fine keeper and excellent shipper, retaining color and fresh appearance as long as any other. For mid-winter and early spring it is excellent. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

DWARF GOLDEN HEART—A distinct variety of sturdy dwarf habit. It is solid, and an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full, is of a light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

GIANT GOLDEN HEART—Produced by careful selection and high culture from the Dwarf Golden Heart, by one of the best celery growers in this country. In quality, appearance and large size it is unsurpassed. We recommend it as one of the best late varieties for the market gardener, while its fine flavor and rich color make it very desirable for private use. It is very hardy and is held in high esteem among gardeners everywhere. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

PINK PLUME CELERY—See Novelty List.

WHITE PLUME—See next page.

WHITE PLUME CELERY.

It is Early, Handsome, of Good Flavor and Fine Texture. The Most Profitable and More Largely Grown than All Other Varieties Combined.

It is almost self-blanching; naturally its stalk and portions of its inner leaves and heart are so white that by closing the stalks, either by tying or simply drawing the soil up against the plant and pressing it together, the work of blanching is completed. In appearance it is very ornamental. It is unsurpassed for fall and early winter use. It is a good keeper up to the holiday season. But for later use we would advise growing some of the more hardy kinds offered in this list. We have made a specialty of **WHITE PLUME** ever since its introduction, and are supplying many of the largest growers throughout the country. We know our seed of this variety cannot be excelled in quality and purity.

White Plume, Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Kalamazoo—The most perfect type of Dwarf White Celery known. It is perfectly distinct, and is of a beautiful cream-white color; attains a very large size; is of quick growth; stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Boston Market—For many years the most popular sort in the markets of Boston. It is a vigorous grower, and very branching; an excellent keeper, and is remarkably tender, crisp and solid. The best variety for light soils. A late keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Early Arlington—An extra early strain of Boston Market, somewhat larger, free from blight, and not inclined to run to seed; blanches easy, and is a strong grower. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Crawford's Half Dwarf—When blanched it is of rather a yellowish-white, and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Perfection Heartwell—Similar to Crawford's Half Dwarf, but taller and a little later maturing. The stalks are medium sized, round, very solid, crisp and tender. A favorite with many. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Giant White Solid—Fine, large size, tall and of stiff growth. Blanches white and crisp. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

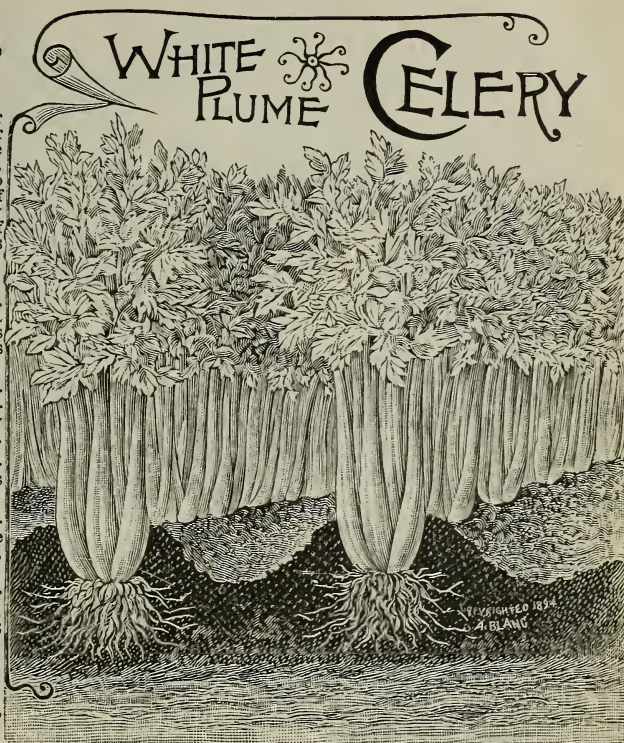
Large Red Solid—Dark crimson, unusually solid. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.90.

Dwarf White Solid—Dwarf white, of stiff, close habit; solid, crisp and juicy. Said to keep in good order later in the season than any other variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Flavoring Celery (Old Seed)—Used for flavoring soups, pickles, etc. *Postpaid*—Oz. 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c. *By Express* (at buyer's expense)—Lb., 30c.; 4 lbs., \$1.00.

CELERY PLANTS—Ready about June first. Apply for our vegetable plant list, which is mailed free as soon as issued in mid-summer. Write us whether you want 100 or 100,000.

NEW PINK PLUME CELERY—SEE NOVELTY PAGE.



CELERIC—Turnip-Rooted Celery.

Sow the seed in the same way that celery seed is sown. Transplant in rows two feet apart and nine inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

Apple-Shaped—An early, smooth variety; the roots are shaped like an apple, of good flavor. Pkt. 5c.; oz., 15c.; $\frac{1}{4}$ lb. 50c.; lb., \$1.50.

Giant Smooth Prague—A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

CRESS OR PEPPER GRASS.

A well-known pungent salad; can be used alone or with Lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled Garden—Very fine, may be cut two or three times. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Upland Cress—It is a hardy perennial, stays green nearly the whole year, and is ready for use before any other salad in the spring. Eaten like Lettuce or boiled like Spinach. It has the highly prized flavor of the Water Cress. Sow in April in rows one foot apart. Pkt., 10c.

Water Cress—This is a well-known hardy perennial aquatic plant, sold in immense quantities in our markets in spring. It is easily grown by planting along the margins of ponds and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant, pungent taste. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



Water Cress.

Union City, Ind., March 26, 1895: Your seeds, heretofore, have given the best of satisfaction. JEFF M. BUCKINGHAM.

Sciotoville, Ohio, March 27, 1895: We have been using your seeds for a number of years, and always find them perfectly reliable and useful. MRS. NETTIE JOHNSTON.

Tipton, Mich., March 27, 1895: The Celery seed we got from you each year proves a success. E. ALLEN & Co.

CORN SALAD, or FETTICUS.

German—*Lammersalat*. French—*Mache*.

A vegetable used as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from sowing. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters and used any time during the winter. **LARGE LEAVED**—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

CHICORY.

Large Rooted—Used to mix with or as a substitute for coffee. Culture the same as for Carrot. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

COLLARDS.

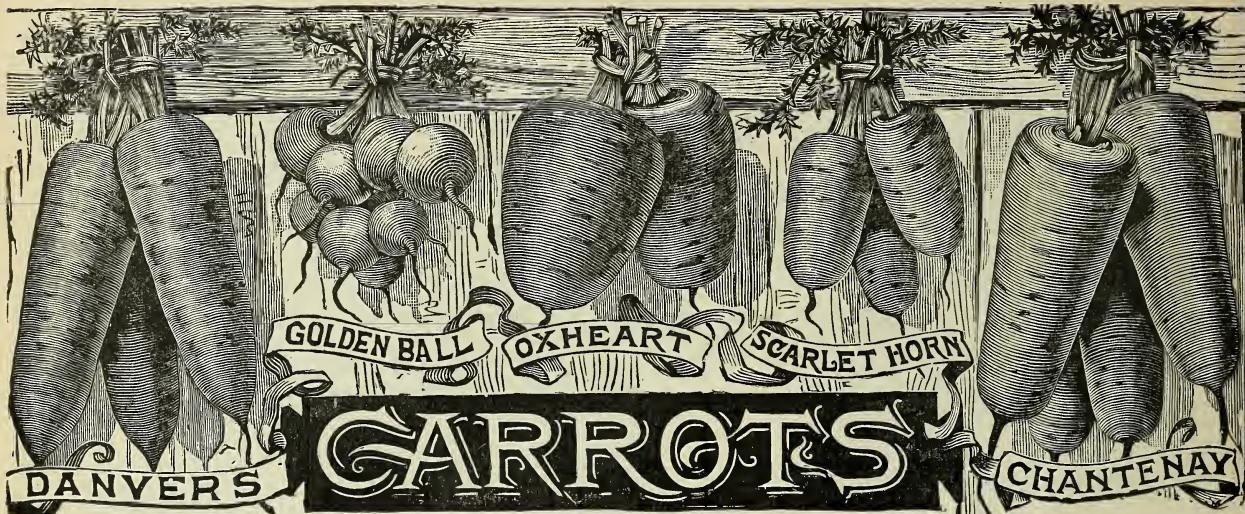
A plant of the cabbage family. It is well adapted to the South, enduring extreme heat; very popular; excellent for greens.

True Southern—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.15.

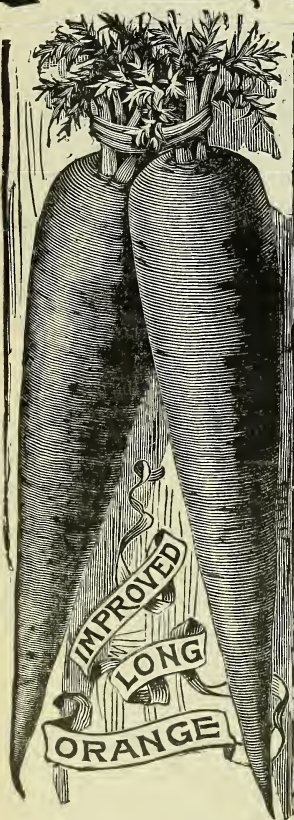
Clyde, Ohio, March 15, 1895: We are in receipt of your Celery book, and at a glance can see that it is a work that should be in the hands of every gardener. LEROY N. BROWN & SONS.

Constantine, Mich., September 5, 1895: My Celery is excellent. I never had the success with any others that I have had with the seeds purchased of you. Our stand of Celery plants was fine. In 52 days from planting. H. C. DRAKE.

Findlay, Ohio, June 11, 1895: Allow us just a word of recommendation for the excellent results attained from the seeds purchased of your firm last Spring. Our stand of Celery plants was fine. We can unhesitatingly recommend Livingston's Seed, for we know by experience that no firm can send out better or purer seeds. HARRY POWELL.



French—Carotte. German—Moehren. Spanish—Zamahoria.



THE CARROT, like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Should be sown in early spring in drills from 15 to 18 inches apart, finally thinning plants to about three or four inches apart in the drill; keep clean by frequent hoeing and weeding. If neglected the young plants are easily smothered, and your crop is lost. The seed is slow to germinate, and if sown early or on moist soil half an inch is deep enough to cover the seed. One ounce sows 150 feet of row. Four pounds will sow an acre.

Very Early Scarlet or Golden Ball—(Also called **Earliest Short Horn**)—This is the earliest Carrot in cultivation, and is used almost exclusively for forcing. Small tops and tap root, round as a turnip; small size; very rich orange color. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Early Scarlet Short Horn—Stump-rooted; second in size; one of the most popular for forcing and early outside sowing. Flesh deep orange, fine grained; agreeable flavor; top small. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

Nantes Early Long Scarlet—Improved stump-rooted. Horn, large, sweet, fine flavored, almost without a core; very fine grained; excellent for home garden and market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Chantenay—A stump-rooted variety somewhat resembling the well-known Nantes Carrot, but having a larger shoulder, and much more productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Intermediate Red—An excellent new English sort. It is smooth and nearly the Danvers in size; flesh very close in texture, and almost without core; a fine cropper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Oxheart, or Guerande—Intermediate in length; fully three to five inches in diameter. Quality extra good. Where other sorts require digging, Oxheart can be easily pulled. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Danvers—One of the most productive and best for field culture. Tops medium, roots dark orange colored; large, but of medium length, tapering abruptly at the point, very uniform and handsome; flesh deep orange with yellow center; sweet and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Improved Long Orange—A standard late variety, handsome and uniform in shape; deep orange color; good flavor; yields heavily. It requires a deep soil and the plants should stand eight inches apart in eighteen inch drills for roots to attain their full size. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

Improved Short White—A new and distinct field carrot. Enormously productive, and grows well out of the ground, making it easy to harvest. Roots short, very heavy at shoulder, regularly tapering to a point; uniform shape and smooth; the color is light green above ground, white below; flesh rich, solid and crisp, and of finest flavor. Pkt. 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

BELGIAN CARROTS.

These are largely grown in Europe for feeding stock, especially horses, by which they are much relished. They grow about twenty inches long, are enormously productive, keep well, and very nutritious.

Large Orange Belgian—Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Long White Green Top—Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

CUCUMBERS.

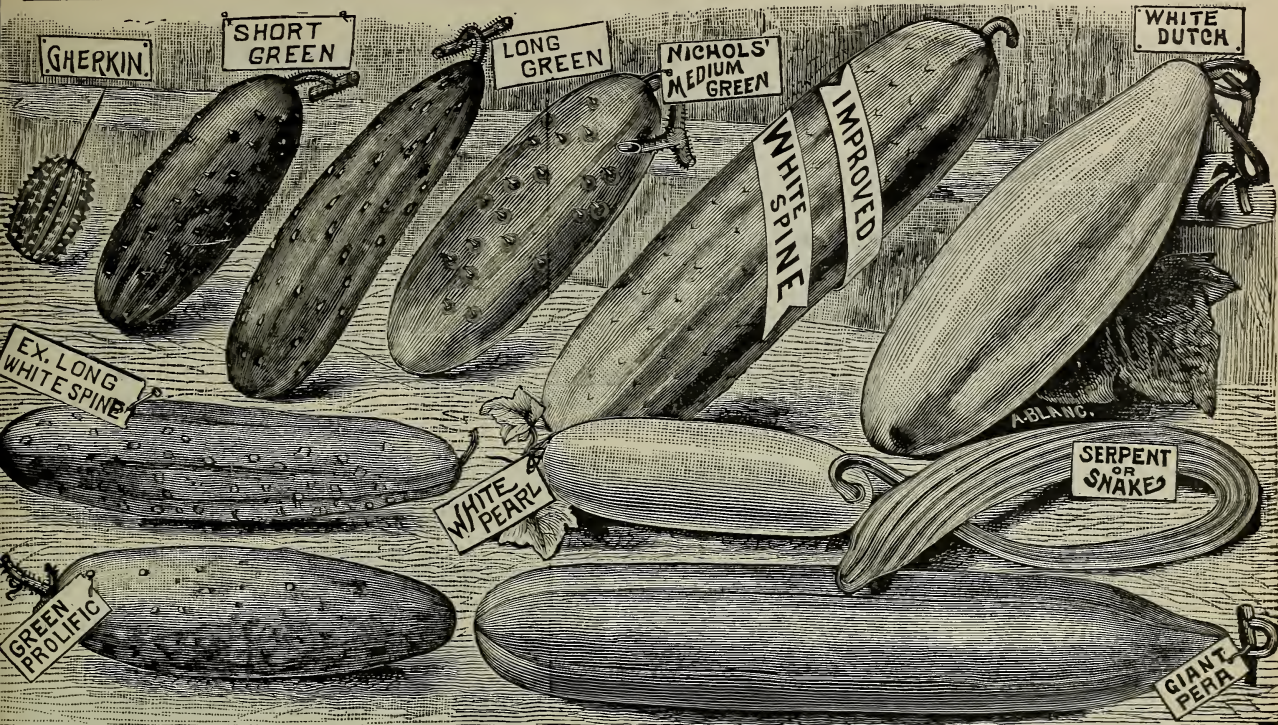
German—Gurke. French—Cucumber. Spanish—Cohombro. As soon as the weather becomes settled and warm, plant in hills from four to six feet apart each way, with eight or ten seeds in each hill; cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave three or four plants to the hill. For pickles, plant from the first of June to the first of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. One ounce of seed for fifty hills. One to two pounds for an acre. SLUG SHOT IS DEATH TO THE BUGS.

LIVINGSTON'S Evergreen Cucumber.

Introduced by us in 1890, and now well known the country over, and is catalogued by all of the largest seedsmen, and is generally admitted to be the best pickle sort offered, and possessing every qualification required in a perfect pickle cucumber. It is very hardy and withstands drouth, and bears very profusely until frost. One grower says it bears four to one compared with the standard sorts. It is a very strong grower, extra early and bears firm, crisp fruits, which are excellent for slicing. When ripe it is yellow, not white, as some have mistaken it. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs. for \$2.00, postpaid.



LIVINGSTON'S EVERGREEN CUCUMBER.



Japanese Climbing—See Novelties. Pkt., 5c.; oz., 10c.

Improved White Spine, or Arlington—For market use and pickling this variety is now more largely grown and is much superior to the old White Spine. Our stock is the true Boston strain. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Tailby's Hybrid—An excellent variety for family use; straight, smooth and handsome; a fine variety for forcing under glass. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Extra Long, or Evergreen White Spine—Longer than the Peerless; of fine quality; makes a good pickle; used quite extensively for growing under glass. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

White Dutch—A large white variety, smooth and of good quality. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.

White Pearl—(Japan White)—A beautiful pearly white, even the young fruits are of a very light color, tender, crisp in taste, and of splendid quality for slicing. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00.

Extra Early Russian—The earliest, small, hardy and productive; excellent for small pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Improved Long Green—Long and crisp; a popular and reliable variety for pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Long Green Turkey—Fruit long and slim. A favorite variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Boston Pickling—Popular in Boston market; of medium length and a good producer. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.

Chicago, or Westerfield Pickling—Popular with Chicago market gardeners, and extensively grown in that vicinity. Medium length, slightly pointed at each end, with very large and prominent spines; color deep green. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Peerless White Spine—One of the finest strains of Early White Spine in cultivation. The fruit is of large size, straight and well formed, full at both ends, productive; skin deep green, holding color until maturity. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Hill's Forcing White Spine—Of perfect form, remarkably even, and of that desirable dark green color. It grows more compact about the hill than most other kinds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Giant Pera—This magnificent variety is of most delicious flavor; flesh white, very crisp and tender at all stages, and can be eaten at any time during growth. Of enormous size, frequently 18 inches in length and 10 inches in circumference; very smooth and straight, with beautiful skin free from spines. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Serpent, or Snake Cucumber—A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake, with the head protruding, and sometimes are several feet in length. The illustration represents their shape; the quality is fair. Pkt., 10c.

Nichols' Medium Green—(Headquarters' Stock)—This Cucumber we obtained from a neighbor (Mr. H. Nichols) eighteen years ago, and after several years' careful growing and selecting, offered it to the public in 1883. Color dark green; flesh crisp and tender; medium size; always straight and smooth; a real handsome and prolific variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early Green Cluster—A short, prickly variety, bearing in clusters; very prolific; good for table use and fine for bottle pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.

Green Prolific—Its characteristics are its uniform growth, hardly never yielding Cucumbers too large for pickling, and its immense productivity. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Early Frame, or Short Green—A popular variety of medium size. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Jersey Pickling—Very popular in New Jersey. Intermediate between the Long and Short Green, forming a long, slender, cylindrical pickle; very crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Thorburn's Everbearing—Small sized; very early, productive, and valuable as a pickler. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Gherkins—See page 33.

ENGLISH FRAME OR FORCING CUCUMBERS

Noa's Forcing—Most excellent sort and prolific. Pkt., 15c.

Rollison's Telegraph—Grows about 18 inches long, bright green color, perfectly smooth. Pkt., 15c.



OUR EXTRA EARLY WHITE SPINE.

Every market gardener knows the value of a well selected and fixed strain of extra early Cucumbers, especially for forcing and early market purposes. We feel confident that no one offers any finer stock, from the

fact that we have been carefully selecting it for many years with the view of making it the most desirable and best seller on the market. It is also an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, and keeps green much longer than the yellow varieties. **Selected Seed**—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.10; 3 lbs., \$3.00, *postpaid*.

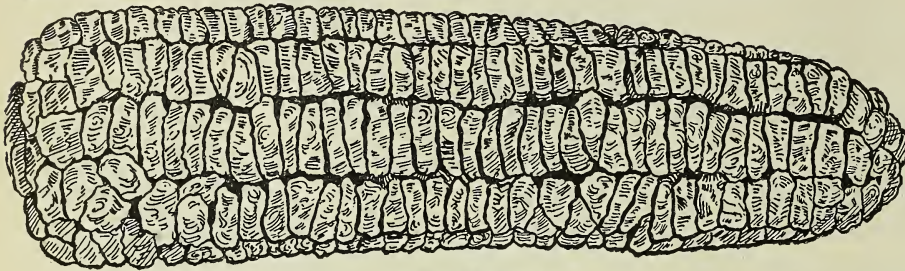
SWEET CORN.

French—*Mais*.
German—*Welschkorn*.
Spanish—*Maiz*.

The Sweet, or Sugar Corn varieties, being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become

warm, and for a succession plant every ten days or two weeks until the last week of July, in hills 2 x 3 feet for the early kinds, and 3 x 3 for the large, late kinds. Some plant in drills 3½ feet apart and eight inches in the row. Give frequent and thorough cultivation. **One Quart Plants 200 to 300 Hills. Eight or Ten Quarts for an Acre.**

Special Prices Will Be Made For Larger Quantities Than Here Quoted.



First of All Sweet Corn.

First-of-All—Claimed to be earlier than the Cory Sweet Corn. Reports of customers and comparative tests give it the lead by about one week. It is of very good quality, being tender and sweet. Ears average 10 rows; the Cory rarely has over eight. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

Extra Early Cory—One of the earliest varieties of sweet corn known. Has a large ear considering size of stock, small cob, well filled with broad grains. It is larger eared, and at least one week earlier than the Marblehead. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

White Cory—Identical with Extra Early Cory except in color, kernels and cob being white. This removes an objection some have on account of its color. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

Early Minnesota—One of the earliest and highly esteemed for its excellent qualities. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Shaker's Early—A splendid market sort, ready very soon after Early Minnesota, but the ears are much larger. The stalks bear usually two large ears, well filled out to the tips of the cob; the kernels are large, white, and of delicious flavor. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Early Bonanza—One of the best medium early sorts, has large, fine ears in great abundance, bearing two or three large ears to the stalk; a very profitable marketman's corn. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Pee-and-Kay—Only a few days behind the earliest. It has an ear about the size of Evergreen; kernels large, white and sweet; ears are ten to twelve rowed, large and plump; stalks strong, prolific. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Early Large Eight-Rowed—Ears of large size with eight rows of fine, broad grains, delicious quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Early Mammoth—Ripens earlier than Late Mammoth, which variety it much resembles; the ears are fully as long, but more tapering; quality good; a good market sort. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

Mammoth Sugar—This variety produces larger ears than any other sweet corn, single ears at times attaining a weight of two to three pounds. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Stowell's Evergreen—Grown more extensively than any other; a great favorite with canners and market gardeners for late use. The ears are of large size; kernels very deep, tender and sugary; very productive, and remains for a long time in fit condition for table use. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Egyptian Sweet—One of the best late varieties, and certainly the handsomest of all the late sorts. Ears large, none more uniform, and excels all in filling out perfectly at the tip end; cob and grain white. Very productive and used extensively for market and canning. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

BURLINGTON HYBRID TABLE CORN—The Money Maker—Is not a pure Sweet Corn, but as its quality is much better than the Adams Corns and its size and appearance way ahead of any Sweet Corn of its season, it will be seen that when it comes into market, it practically has no competitor. Being a cross between Adams' Extra Early and some variety of regular Sweet Corn, it combines extra earliness with good quality. Its productiveness is a great way in advance of Early Adams, producing ears double the size and as many again in number. It has a *Sweet Corn husk*, while the Adams' husk resembles field corn; every marketman knows that this is a decided advantage. No progressive gardener should fail to grow this corn largely. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

Freedom, Pa., March 25, 1895: "I have used your seeds for the last fifteen years and found them satisfactory in every respect."
MR. SAMUEL DEAN.

Bloomington, Pa., March 20, 1895: "The trial package of Sweet Corn you sent me last year was very good. It was very sweet and good flavor. I thank you for sending seeds so soon. I think your seeds are the best I ever used."
MR. CRAWFORD ROOD.

OUR QUART AND PINT PRICES include postage; if to go by Express, at buyer's expense, deduct 15 cents from the quart, or 8 cents from the pint prices below.

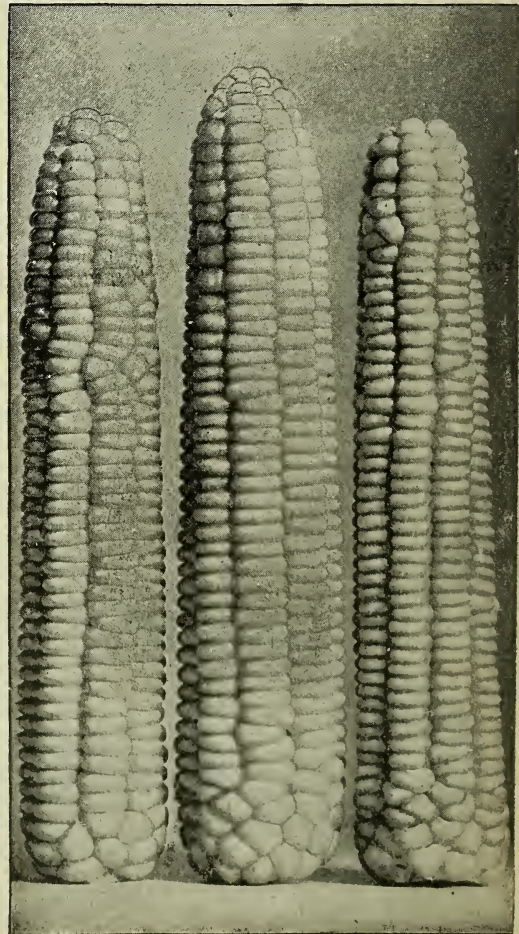
LARGE PACKETS—Our customers write us that our packets are well filled and contain more seeds than others.

Hance's New Early—See novelty pages.

Extra Early Adams—The hardiest and earliest white corn known. It is not a sugar corn, but on account of its being largely sold for table use we class it among the sugar corns. It can be planted earlier than any other; ear short, grain white, indented. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

Early Adams—Similar to Extra Early Adams; larger, but not so early. Often used for the table, particularly in the Southern States; also a splendid corn to grow for early feeding purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.75.

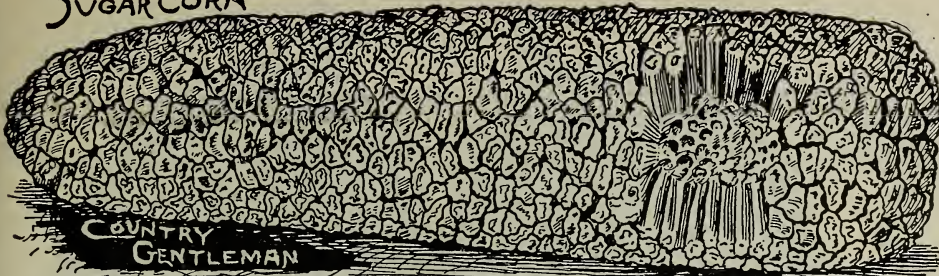
Early Maine—Has a pure white cob with a rich, cream white kernel, sweet and juicy. Fine ear of good size; stock medium. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.



Burlington Hybrid Corn.

SEE NOVELTY PAGES FOR
NEW COLUMBUS MARKET SUGAR CORN
—AND—
HANCE'S EARLY.

SUGAR CORN



COUNTRY GENTLEMAN CORN.

Country Gentleman—(Improved Ne Plus Ultra) — By careful selection a variety has been obtained which produces ears of about double the size, and of the same delicious quality as the original. The ears are produced in great abundance. The cob is very small, giving great depth to the kernels, which are pure white. But the great merit of the **Country Gentleman** is its delicious quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.

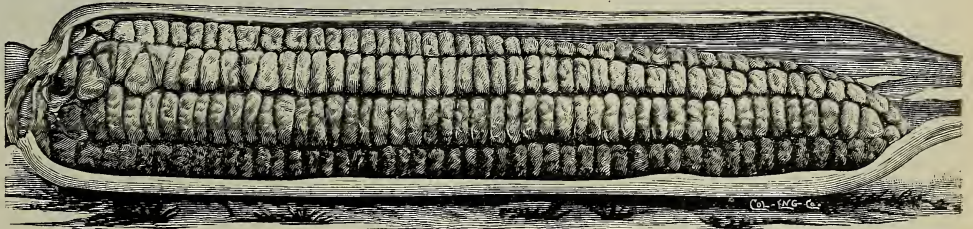
Ne Plus Ultra—(Shoe Peg, or Quaker Sweet) — This variety ears profusely, frequently bearing two to three, and sometimes four, ears to the stalk. The kernels are deep, placed irregularly but very compactly upon

the cob. It matures medium to late. Its unusually sweet and pleasant taste makes it a popular favorite. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

OUR FOUR SWEET CORNS.

LIVINGSTON'S EVERGREEN SUGAR CORN.

Red Cob—We introduced this variety over thirty years ago and it is now grown extensively by marketmen throughout the United States. It is a first-class second early corn, and can be planted hereabouts as late as the first week in July. It is very productive; has large, well filled ears, with broad kernels and very small cob, filled well over the tip; *very sweet* (none sweeter). Sells in this market two to three cents higher, per dozen, than any other variety. It is a good cropper, and ma-



turing early it makes a very profitable food crop for hogs, milch cows and other stock when early feeding is desired and at a time when other feed is short. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 75c.; bus., \$2.75.

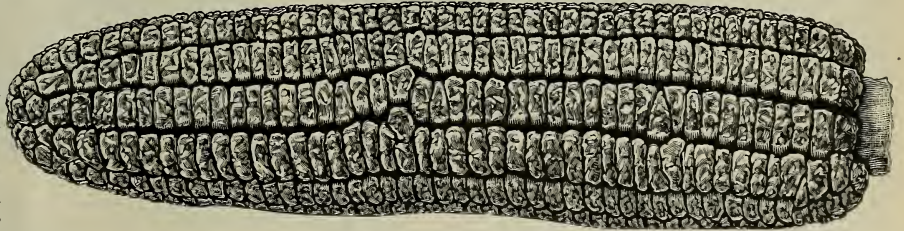
LIVINGSTON'S EVERGREEN SUGAR CORN.

New White Cob—When we state that we worked industriously 15 seasons to produce this Corn, it will be quickly seen why we take such great pleasure in introducing it. To make a long story short, we shall simply state that **Livingston's White Cob Evergreen** is simply our old Livingston's Early Evergreen with a white cob instead of a red one. This removes the only objection ever urged against our old standby, which has

stood its ground for over thirty years, notwithstanding its red cob. We presume we would be safe in saying that thousands of gardeners have expressed the opinion that if our **Early Evergreen** had a white cob it could never be surpassed as a market corn for table use. This new **white cob** strain lacks not one of the good qualities of the older sort from which it sprung, and we believe it will be endorsed by every Corn Grower, whether for home use or sale in market. It is a good cropper, and maturing early it makes a very profitable food crop for hogs, milch cows and other stock when early feeding is desired, and at a time when other feed is short. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, 80c.; bus., \$3.00.

LIVINGSTON'S GOLD COIN.

This grand, new and decidedly distinct Sweet Corn, which we introduced seven years ago is no old variety under a new name. It has given great satisfaction up to date and has been universally pronounced decidedly distinct from anything ever sent out before, besides being one of the best Sweet Corns in existence. We have never seen a corn that will approach it in evergreen properties. Its yield is enormous, almost invariably yielding two, and very frequently three mammoth ears to the stalk. The cob is very white, completely covered with large, very deep, handsome and toothsome kernels, which, as they grow too hard to eat, take on gradually a beautiful rich yellow color.



Livingston's Silver Coin Sweet Corn. Besides being a good table corn, it is profitable to grow for feeding stock. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

LIVINGSTON'S NEW SILVER COIN.

The Canner's Favorite, first introduced by us three years ago, and all who have grown it since verify every claim made for it. It certainly excels in two very important points, **productiveness and quality.** It has a much larger and more uniform ear than the well-known **Stowell's Evergreen**, is fully as early and much more productive, having two and three ears to the stalk, while that sort bears but one and two. It is strictly an evergreen sort; in remaining long in edible condition it ranks with our celebrated **Gold Coin**, which is admitted to be the most "everlastingly evergreen" of all sweet corns. It is almost impossible to ripen and cure it for seed, there being nothing but hull and "chit" left after being thoroughly dried for seed purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bus., \$3.00.

We can supply the following well-known varieties of Sweet Corn. Price of each, **Postpaid**, packet, 5c.; pint, 20c.; quart, 35c. By express, bushel, \$3.00; peck, 80c.; 4 quarts, 50c.
Perry Hybrid, Russell's Prolific, Marblehead Early, Potter's Excelsior, Old Colony, Moore's Concord, Hixcox, Triumph, Black Mexican, Crosby's Early.

Special Prices given on application to parties wishing larger quantities of Sweet Corn.

FIELD AND POP CORNS.

For Various Field and Pop Corn Varieties see Farm Seed Dept.

SWEET CORN FOR FODDER.

There is nothing better for green feed or for curing for winter than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Also excellent for silage. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. **Prices subject to market changes.** Peck, 50c.; 1/2 bus., 80c.; 1 bus., \$1.50; bags of 2 1/2 bus., \$3.25; 2 bags, \$6.00; 4 bags, \$11.00. **No Charge for Bags.**

DANDELION. Dandelion resembles the Endive, and is extensively cultivated for early spring greens; blanched it makes a good salad. It is quite a profitable crop to grow under greenhouse benches. The roots, when dried and roasted, are often used as a substitute for coffee. Seed should be sown in May or June on warm rich soil, in drills half inch deep, and eighteen inches apart. Plants ready for use the following spring. When grown for the roots only, sow in September, and cultivate well for one year when the roots are ready for digging.

Large Leaved—Leaves fully double the size of the common dandelion. A great advance over the old variety. Pkt., 10c.; oz., 50c.; 1/2 lb., \$1.50.; lb., \$5.00.

EGG PLANT.

French—*Aubergine*. German—*Eierpflanze*. Spanish—*Bereugena*.

How to Grow Eggs—The Egg Plant should be more generally grown, for when well grown and properly cooked it is a most delicious vegetable. The seeds germinate slowly and should be started in flats or boxes in a strong, uniform heat, and kept constantly growing because the young plants seldom recover if checked in their growth. Sow the seeds in hot-beds or warm greenhouse in March or early April; if no hot-bed is at hand they may be grown in any light room where the temperature will average 75 degrees. When the plants are two inches high or have formed two rough leaves transplant them in beds three or four inches apart, or, what is better, prick off into two-inch pots, and later shift to four-inch size and plunge them. Keep the bed closed and very warm, shading from the direct rays of the sun, and giving abundance of water until the ground is warm and all danger from frost and cold nights is past; then harden the plants by gradual exposure to the sun and air, and increase the supply of water; transplant to the open ground late in May or June into warm, rich soil, from two to three feet apart each way, according to the richness of the soil. When about a foot high draw the earth up to their stems. They thrive in any good garden soil, but repay liberal treatment. Care should be used in cutting the fruit so as not to disturb the roots of the plants. If needed, shade the young plants and keep the potato bug picked off, as it is very fond of them, and often destroys them.

How to Cook—Fritters—Cut into slices of one-fourth to one-half inch thickness, pare off the rind, put into a dish with a layer of salt between the pieces, beginning with a layer of salt in the bottom of the dish, letting them stand three or four hours; or the slices may soak in salt water for eight or ten hours. Then dry each slice with a cloth or towel. Fry in a batter of eggs and flour seasoned to taste, or dip in beaten egg and roll in bread crumbs and fry slowly in hot butter until a rich brown; serve hot. **Fried**—Cut in slices crosswise not over half-inch thick, parboil in salt water about fifteen minutes, then fry in hot butter and lard.

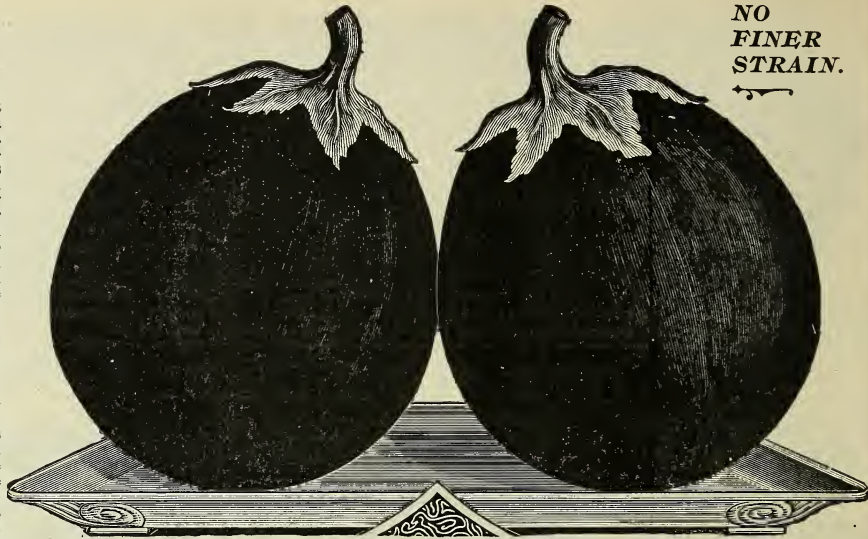
Black Pekin—Entirely distinct from all other varieties, both in habit and fruit. The fruit is very dark purple, almost black, nearly round, large size, smooth and glossy, flesh white and very solid, fine grained and delicate flavor; matures early, prolific, very handsome, and a popular variety for market. It should be started early. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Early Dwarf Purple—A favorite for eating on account of its excellent quality; rather small for a general market crop, but comes in early and sells well before the larger kinds are ready. It is just the right size for family use. Dwarf, of easy growth, four or five inches long, with six or eight very dark purple fruits to the plant. May be sown as late as May 1st and good results will follow; it overcomes quite readily any checks it may receive during growth. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Early Long Purple—Hardier and earlier than the New York Purple, succeeding further north. Fruit from six to nine inches long. Dark purple, good quality and one of the best varieties. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

New York Improved Large Purple—The leading variety known by marketmen everywhere; fruit large; smooth; deep purple; flesh white; good quality. The stock we offer is fine New Jersey grown. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.


NO
FINER
STRAIN.



LIVINGSTON'S MAMMOTH PURPLE—(Spineless)—**North-ern Grown**—This splendid variety was obtained by very careful selection and extra cultivation, beginning with a true strain of New York Improved Large Purple. The process of improvement was carried on for years until we now have the finest strain of Mammoth Egg Plant that we have any knowledge of. While immense size was one of the main objects kept in view we did not lose sight of other valuable points essential in a first-class market variety. It is quite early for such a large sort and is a sure cropper. The plants are large, vigorous and productive. Fruit very uniform in color and shape; very large, usually seven to nine inches in diameter, but sometimes specimens are grown that measure ten inches. Skin a handsome dark purple, smooth and glossy. Flesh white, of superb quality. We pronounce it the best Egg Plant in cultivation—no exception. It is very important that growers have the best seed and variety obtainable, for if poorly grown, irregular in shape, or green in color, they are quite unsalable, and your time and money are wasted. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Early Long Purple—Hardier and earlier than the New York Purple, succeeding further north. Fruit from six to nine inches long. Dark purple, good quality and one of the best varieties. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

New York Improved Large Purple—The leading variety known by marketmen everywhere; fruit large; smooth; deep purple; flesh white; good quality. The stock we offer is fine New Jersey grown. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

 Beware of Cheap Egg Plant Seed Grown in the South.

ENDIVE.

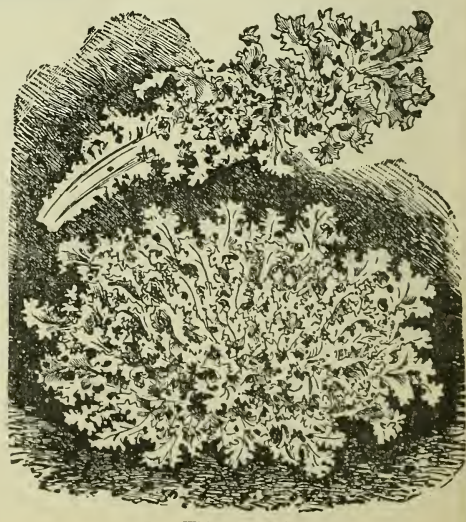
Its leaves make a splendid salad when properly blanched, and one that is very useful, as it comes in after lettuce is gone. It may be grown at any season, but is usually grown for use late in the fall. For an early crop sow in April, in drills fifteen inches apart, and later on thin out to twelve inches in the rows. It can also be sown in beds and transplanted to the above distance after attaining sufficient size. The main sowings are made in June and July. Ordinary good soil and cultivation are all it requires. When nearly full grown it is blanched in the following manner: Gather up the leaves and tie them by their tips in a conical form, thereby excluding the light and air from their inner leaves, which then blanch to a beautiful yellowish white. This process takes two to five weeks, according to the temperature, bleaching fastest in warm weather. Another method is to lay clean boards right over the plants which exclude the air and light. Tie up at different times, as it only keeps a short time after blanching. For winter use take up with earth and store in frames or a dry cellar. **One ounce sows 100 feet of drill.**

Ever White Curled—By far the most beautiful variety. Plant moderately dense; leaves coarser than those of the Green Curled; but the midrib is yellow and the leaves frequently almost white, so that the plants are very attractive, and always bring the highest prices on the market. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Green Curled—The variety mostly cultivated. Leaves dark green, broad and curly, tender and crisp in quality; somewhat earlier and more hardy than other varieties. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Moss Curled—A beautifully curled variety somewhat resembling moss; dark green in color, quality fine. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Broad Leaved Batavian—Has broad, thick, slightly wrinkled leaves forming a large head which is preferred for stews and soups, but if the outer leaves are gathered and tied at the top, the whole plant will blanch nicely, and make an excellent salad for the table. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

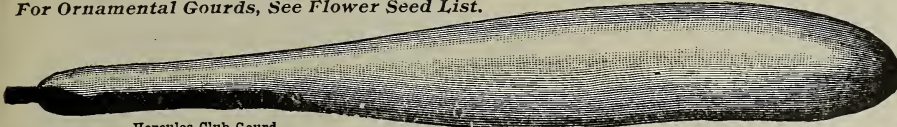


Ever White Curled Endive.

GOURDS.

The Gourd is a tender annual and should not be planted until all danger from frost is over, and not less than six feet apart each way, in good rich loam. The following varieties will be found useful for household purposes, besides being very ornamental and serviceable as climbers:

For Ornamental Gourds, See Flower Seed List.



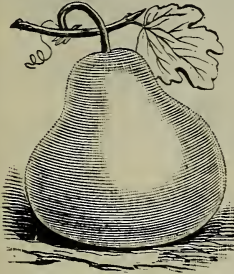
Hercules Club Gourd.

Hercules Club Gourd—Grows four to eight feet long. Pkt., 5c.

Nest Egg Gourd—(Japanese Nest Egg)—These resemble a hen's egg in color, shape and size. They do not crack, are not injured by cold or wet, and make the best nest eggs. As the plant is a rapid growing climber, it is very useful in covering screens, etc., being quite ornamental. We have a very pure stock of this variety to offer this season, and can recommend it. Pkt., 5c.; oz., 30c.; ¼ lb., \$1.00.

Sugar Trough, or Sap Bucket—Selected Stock—Grows to a very large size; holds from four to ten gallons each, having hard, thick shells, which are very strong, but light and durable, lasting for many years. They are used for a great variety of purposes, such as buckets, baskets, soap and salt dishes, nest boxes, etc., and have been used for packing lard. They are as easily grown as pumpkins. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

Dish Cloth, or Luffa Gourd—A natural dish cloth, and a most admirable one, is furnished by the peculiar lining of this fruit, which is sponge-like, porous, very tough, elastic and durable. Many ladies prefer this dish cloth to any other. The fruit grows about two feet in length, and the vine is very ornamental, producing clusters of large yellow blossoms, in pleasing contrast with the silvery-shaded, dark green foliage. In the North this variety should be started very early in hot-beds or otherwise. Pkt., 5c.; oz., 40c.

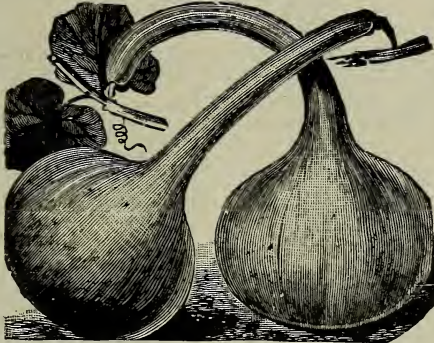


Sugar-Trough Gourd.

Dipper Gourd—Can be used for dippers, the handles being from 9 to 12 inches long, and they hold from a pint to two quarts. When grown on the ground the handles will be curved, as in the engraving, while if grown on a trellis or a tree their weight will cause them to grow straight. Very convenient for hot liquids, as the handle does not heat through readily. They are easily prepared and last for years. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Dipper Gourd

Can be used for dippers, the handles being from 9 to 12 inches long, and they hold from a pint to two quarts. When grown on the ground the handles will be curved, as in the engraving, while if grown on a trellis or a tree their weight will cause them to grow straight. Very convenient for hot liquids, as the handle does not heat through readily. They are easily prepared and last for years. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.



Dipper Gourd.

We sell one packet each of the above Gourds for only 20 cents, prepaid.

GARLIC.

German—Knoblauch. Prepare the ground as for French—*Ail*. onions; plant the bulbs in early spring, in drills three inches apart, four inches in the row, and cover two inches deep. Esteemed by many for flavoring soups and stews. **Bulbs** (postpaid), oz., 5c.; ¼ lb., 15c.; lb., 30c. By express (not paid), lb., 20c.; 3 lbs., 50c.; 10 lbs., \$1.40.

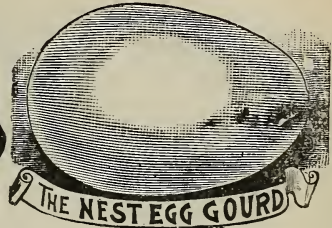
GHERKINS.

West India Gherkin—(True)—Also known as Jerusalem Pickle. Very small, oval, prickly variety, quite distinct from all others. It is grown exclusively for pickling; is the smallest of all the varieties of Cucumber, and should always be picked when young and tender. The seed is quite slow to germinate, requiring sometimes ten to twelve days. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.

HERBS.

Herbs in general delight in a rich, mellow soil. Sow the seeds early in spring in shallow drills, one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude the air entirely. Varieties with an * are perennials.

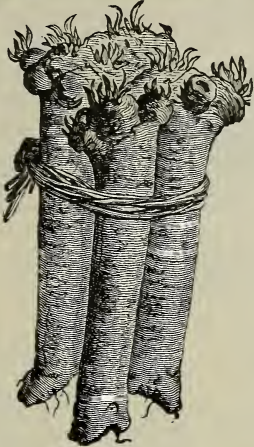
	Pkt. oz.		Pkt. oz.
Anise.....	5 10	*Lavender.....	5 25
*Balm.....	5 25	*Pennyroyal.....	10
Bene.....	5 15	Pot. Marigold.....	5 15
Buhen Kraut.....	5 15	*Rosemary.....	5 50
Borage.....	5 15	*Rue.....	5 20
*Caraway.....	5 10	Saffron.....	\$1 75
Catnip or Catmint.....	5 40	Summer Savory.....	5 15
Coriander.....	5 10	Sweet Basil.....	5 15
Dill.....	5 10	Sweet Marjoram.....	5 30
*Fennel.....	5 15	*Winter Savory.....	5 20
*Henbane.....	5 20	*Wormwood.....	5 20
*Hop.....	10		
*Horehound.....	5 35		
Hyssop.....	5		



THE NEST EGG GOURD

HORSE RADISH.

The best Horse Radish is produced from small pieces of roots four or five inches in length. These small roots will produce good Radish fit for use in one season's growth. Plant the set small end down, where the slanting cut is, so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy and may be left in the ground until spring before digging. A part of the crop may be pitted late in the fall if desired. A dozen roots will give all that will be needed for family use; as it constantly increases, it is best to plant it in some out-of-the-way corner of the garden. A very profitable crop for market gardeners to grow. By mail (postpaid), dozen, 20c.; 50 for 60c.; 90, \$1.00. By express (not paid), 100 for 75c.; 300, \$2.00; 500, \$3.00; 1,000, \$5.00.



Prices for any amount given on application.

KALE.

German—*Blatter Kohl*. French—*Chou Vert*. Spanish—*Berton*.

Borecole, Kale, or German Greens, are general terms applied to those classes of cabbage which do not form heads, but furnish an abundance of pretty curled leaves that are very ornamental and highly prized as food. Some of the varieties are the most tender and delicate of the cabbage family, and would be much more extensively grown if their excellent qualities were generally known. Can be grown in almost any soil, but the richer it is the better the product. Sow from the middle of April to the beginning of May like cabbage; transplanted and cultivated the same as cabbage. They are more hardy than cabbage, and will endure considerable frost without injury.



Dwarf German Curled Kale.

Hardy; will remain over winter in any place where the temperature does not fall below zero. A decided improvement upon the old tall Scotch. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Half Dwarf Moss Curled—A particularly fine variety possessing all the merits of both the tall and dwarf kinds; of compact, bushy growth; the foliage is light green and toward the center yellowish green. The edges of the leaves are so beautifully crimped that it resembles fine curled Parsley, and can be used for garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

Siberian Kale, German Greens, or "Sprouts"—Extensively grown as winter greens; sow in September in rows one foot apart, and treat in every way as Spinach; it is very hardy and is ready for use in early spring. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

German Dwarf Purple—A dwarf, compact plant composed of a mass of large, finely frilled leaves of a deep purple color. Tender and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Special prices made for larger quantities.

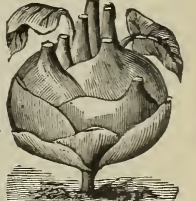
KOHL RABI. Turnip Rooted Cabbage.

German—*Kohlrabi*. French—*Chou Rabe*. Spanish—*Calde Nabo*.

When young and tender they are fine for table use; when matured they keep well and are excellent for feeding stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July, in rows 13 inches apart, transplanting or thinning out to 8 inches in the row.

Earliest White Vienna—Excellent for forcing, and of fine quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Early Purple Vienna—An excellent sort largely grown for table use in Germany and Austria. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

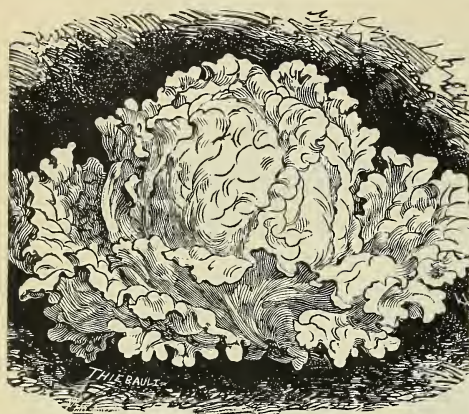


Kohl Rabi.

LETTUCE.

German—*Lattich Salat*.
French—*Laitue*.

The most used of all salads, is of easy culture, being almost free from all disease and insects. It requires rich, moist soil, and clean cultivation. This will give the quick growth on which depends its appearance, tenderness and flavor. For early spring use, sow in a seed bed in September or October, and protect through the winter with cold frames, or in the South with leaves or litter, or sow in a hot-bed in early spring; as soon as the ground can be well worked, transplant in good, rich ground, to rows eighteen inches apart and eight to ten inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. If sown outside to be cut young, sow thickly in drills or broadcast; but if strong, fine heads are desired sow in drills $\frac{1}{4}$ -inch deep, eighteen inches apart, and thin, rather than transplant, to twelve inches apart in the rows. **One ounce of seed makes 2,500 plants.**



Blonde Beauty Lettuce.

Blonde Beauty—(Sunset)—A new Summer Lettuce of bright golden tinge and attractive form. Resists heat to a remarkable degree, and is an excellent keeper after being cut; its tender, crisp, sweet and juicy when many sorts have become tough and bitter. A distinct and superior sort for shipping and the home garden. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

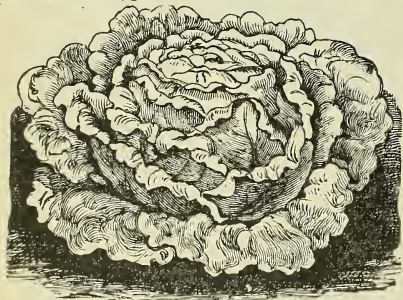
Early White Cabbage—This *old reliable* is very tender, has large, solid, greenish-white heads and stands heat extremely well. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Black Seeded Simpson—(Curled)—A very popular sort among market gardeners everywhere. Forms a large loose head; its nearly white curly leaves are large, thin, exceedingly tender, and of very good quality; one of the very best sorts for growing under glass, as well as for early outside planting. Fine for the *home* market but not so desirable for shipping as Grand Rapids. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Golden Ball—Distinct, delicate golden-yellow color which it retains throughout the season. Crisp, tender and excellent in flavor; the acme of perfection for forcing or early spring crop; also, long standing and fit for eating late in the season. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Chartier, or Brown Curled—One of the very best, both for forcing and outdoor culture. Leaves nicely curled, forming immense heads. Grown under glass it is of a whitish color, but in open air it turns very brown, remaining, however, tender and crisp a long time. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Tomhannock—Forms a beautiful plant 10 to 20 inches high by 9 to 12 inches across. The edges of the *outer* leaves are glossy, reddish bronze; handsomely wrinkled; *inside* leaves white, very crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



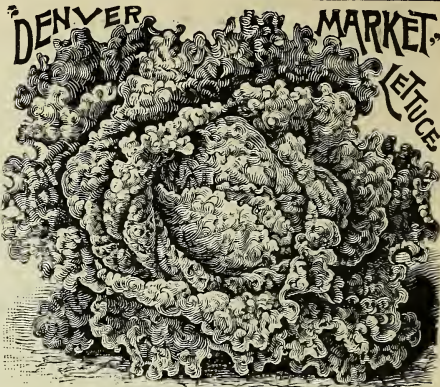
Early White Cabbage Lettuce.

Tennis Ball—Close, hard, well-formed heads. Leaves green, thick, crisp and tender. One of the earliest, extremely hardy, and well adapted both for forcing and outdoor culture. Either *White* or *Black* seed each. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.10.

Black-Seeded Butter—Similar to Tennis Ball, but larger. Extensively used as an outdoor variety; excellent in flavor; comes early. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Golden Yellow Stonehead—A fine variety with very solid heads of great beauty. As early as Tennis Ball, but has larger heads; unsurpassed for table use. We recommend it most highly for forcing or earliest spring crop. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Early Curled Silesian—One of the *oldest* and *earliest* for outdoor planting. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Denver Market or Savoy Lettuce—An early variety of Head Lettuce, either for forcing or open ground. Forms large, solid heads, of a desirable light green color. The leaves are beautifully marked and blistered (like Savoy Cabbages) and are very crisp and tender; flavor excellent. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Tilton's White Star—A universal favorite with gardeners for forcing or outdoor planting, on account of having enormously large heads, bright color, crispness and long keeping qualities. A valuable shipping sort, as it remains a long time in condition for use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Buttercup—A fine, new German variety of recent introduction. The plant is very distinct and attractive; leaves of a beautiful yellow color, and very sweet and tender. The plants are vigorous; do not run to seed until very late and remain in condition for use as long as any other. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Silver Ball—One of the best *all the year round* Lettuces we know of. A variety of excellent qualities, as good for early spring and summer use as winter forcing. The heads are *silvery white*, very firm and compact, with beautifully curled leaves. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Rawson's Hot-House—Especially adapted for growing in green-houses and hot-beds on account of its large size, being the largest lettuce grown for this purpose; nearly double the size of the famous Boston Market or White Seed Tennis-Ball. It is a sure header and not liable to rot in the heart, making it a desirable variety for market gardeners. Mr. Rawson, who is a famous Boston gardener and grows immense quantities of Lettuce under glass, knows what is required, and he has spent a number of years working up the good points of this variety. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



CELERY LETTUCE—The favorite class of Lettuces in Europe are the Cosor blanching varieties, and this variety is the very finest of its class. The Cos varieties are becoming more popular in this country every year. The long, narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. It excels all others in quality, having a taste and crispness unequalled. The leaves, when bleached, are stiff like Celery stalks, and can be eaten in the same manner. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



Silver Ball Lettuce.

Eureka Bronze—Entirely tender and crisp, and of fine flavor; heads large; color bronze green. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Livingston's Golden Head—A superb cabbage variety. Heads up well and is crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Mammoth Marblehead—The largest header of any, measuring eight inches across the solid head, or as large as a good cabbage. The heads are very closely wrapped together; the leaves are a lightish green; second early; tender and crisp, and free from bitterness. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Our New "Crisp As Ice" Lettuce, See Novelty Pages.



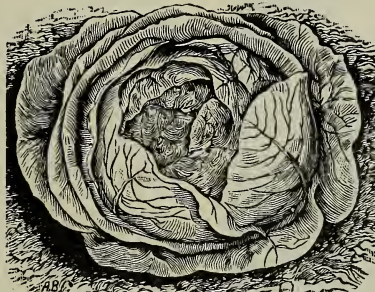
OUR IMPROVED HANSON—None more reliable for outdoor cultivation. In ground well manured and cultivated, the heads grow to a remarkable size, resembling that of a flat cabbage and so slow to run to seed that it often fails to form a seed stalk. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any bitter unpleasant taste. The stock we offer is the same as that sold by us for many years, and from the fact that we never get any complaints from it we judge it is unsurpassed and gives entire satisfaction. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Big Boston—Resembles the popular Boston Market, but is nearly twice as large, a most desirable variety for forcing in cold frames and for outdoor planting. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Philadelphia Butter, or Early White Head—A thick-leaved, smooth lettuce, round, dark green leaves formed into a very solid, round head, stands long time without running to seed. The inner leaves blanch a rich yellow; quality first-class. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Early Curled Simpson—Does not head, but forms a compact mass of curly leaves of a yellowish-green. It matures earlier than the firm head sorts, hence is very generally grown in cold frames, also for an early outside crop. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

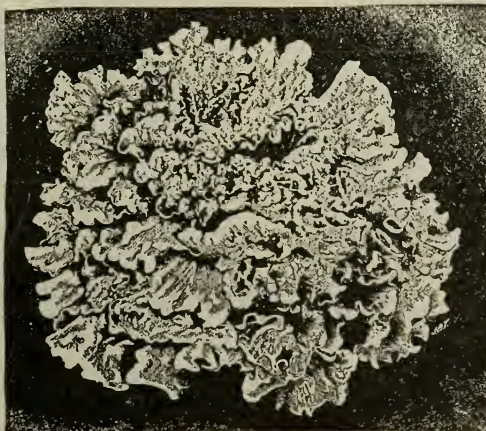
GRAND RAPIDS LETTUCE—This variety developed at Grand Rapids, Mich., and is especially adapted for greenhouse culture in winter. It is the result of fifteen years' selection from the Black Seeded Simpson, which is generally recognized as the standard for forcing for the home market. It is superior to and more beautiful in appearance than the Simpson. It is of rapid upright growth; may be planted close; not liable to rot, standing several days after being ready to cut without injury; retains its freshness a long time after being cut, hence much sought after by dealers, especially shippers; quality is very desirable, and while it is especially adapted to forcing, it is a good lettuce to sow early for family use. Our present stock was grown at double the cost of ordinary seed, from carefully selected plants, by one of the leading growers of Grand Rapids, and we feel fortunate in having such superior stock to offer our customers. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.10.



Philadelphia Butter.



Curled Simpson.



Grand Rapids Lettuce.

DEFIANCE SUMMER—(Perpignan)—Claimed by many to be a better lettuce than Hanson; it is certainly unequalled for long standing, and one of the finest large growing cabbage varieties. It forms very large, solid heads, so firm that they have to be cut open to allow the flower heads to come through when it is desired to have them go to seed. The leaves are of a beautiful light green. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

California Cream Butter—The heads are of good size, round and solid, outside medium green, within the leaves are a rich cream-yellow color, rich and buttery in taste. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

We can supply the following well-known lettuces. Price of each, *postpaid*—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25:

SALAMANDER, PARIS COS, DEACON, OAK LEAF, NEW YORK, FERRY'S PRIZE HEAD, BOSTON MARKET, BOSTON CURLED, PHILADELPHIA DUTCH BUTTER, SPECKLED, YELLOW SEEDED BUTTER, AND PERPETUAL.

LEEK.

Leeks are especially desirable for soups, and considered by many to have a better flavor than the onion. Can be cultivated in two ways—either by sowing early in the spring in a seed bed and transplanting, or by sowing outside where they are to grow; if sown in a seed bed, when about six inches high transplant into deep, rich soil, five inches apart; use a dibber and plant deeply, close to their leaves, so that the neck may become blanched; or they may be planted in trenches six inches deep and the trenches filled in gradually as the plants grow; a good watering at the time of transplanting is very beneficial. If sown outside sow early in the spring in rows about eighteen inches apart; when four inches high thin to four inches apart. Transplanted plants always produce earlier and larger Leeks.

Broad Scotch, or London Flag—An old standard, hardy kind; large, strong plant; broad leaves. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Large Musselburg—(Carentan, or Scotch Champion)—A favorite market sort of enormous size; leaves large and broad; flavor very mild and pleasant. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Rouen, Very Large Winter—A large and excellent variety; good for forcing. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

NEW ICEBERG LETTUCE.

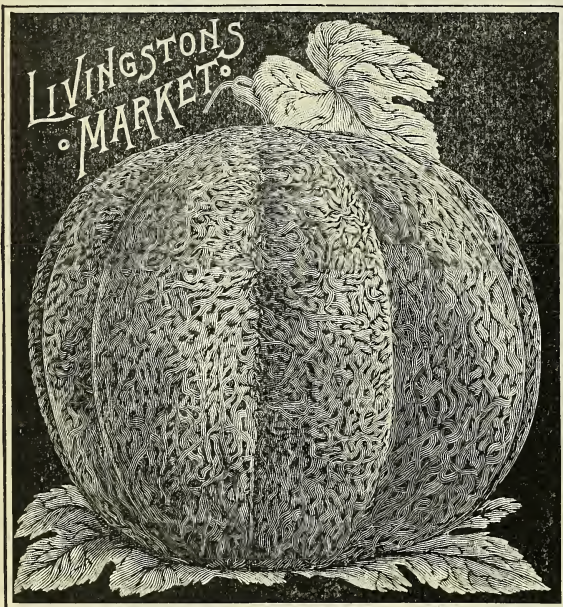
See Novelty Pages.

MUSKMELONS.

German—*Melone*.
French—*Melon*.
Spanish—*Melon*.

A rich, sandy soil is most desirable for melons. The seed should be planted when the ground has become warm, in hills six feet apart each way. Old, well rotted manure should be thoroughly mixed with the soil in each hill; put six to ten seeds in the hill; finally, when danger from insects is past, leave three or four of the strongest plants only. If the plants grow very rank the tips of the leading shoots should be pinched off when about three feet long; also, if the fruit is excessive, they may be thinned out, which will cause the melons to ripen earlier and increase the size of the fruit. Melons may be forced like cucumbers, and the practice is growing in favor annually among melon men, as the method becomes better understood, and on account of the large profits gained by having home-grown melons in market some days ahead of the outside planting. Cultivate thoroughly and often to keep down the weeds and bugs. One ounce of seed for 60 hills; 2 to 3 pounds for an acre.

See Novelty List for Descriptions of our NEW TIP TOP and Other New Muskmelons.



Livingston's Market Muskmelon—Many years were spent in perfecting this decidedly distinct and beautiful melon. A most valuable and beautiful characteristic is the close, strong netting. Its vigorous growth gives it great hardiness and ability to withstand drouth, blight and bugs. Its beautiful shape and handsome appearance are remarked upon when placed side by side on the market bench or counter with any of the popular sorts of the day. It ripens only a few days after **Early Hackensack**, is more prolific, more uniform, bears longer, and the fruit is more solid; seldom bursts at blossom end; flavor and quality are all that can be desired. It is green fleshed, with small seed cavity. A valuable sort for truckers and market gardeners for a general crop. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00; 3 lbs., \$2.50, *postpaid*.

Osage—A leading favorite yellow-fleshed variety. It is large, oval, slightly ribbed and netted; *skin very dark green*; flesh a deep rich salmon, sweet, highly flavored and delicious to the rind; it is very seldom that one of poor quality is found. The whole crop is very even and extra heavy, owing to the thickness of the meat. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Perfection—(Princess)—Is quite large; dark green skin; heavily netted; small seed cavity; flesh very thick, of a rich orange color, very sweet, watery, and of a most delicious flavor—in short, *about perfection*. Not a good shipper, but sells well in any home market, because it invariably pleases customers. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Montreal Market—The Largest Round Melon in the World, weighing 15 lbs. and upward (they have been grown to weigh 39 lbs.). For all who wish to grow the handsomest melons possible, and extra large ones for market, we recommend this one. The shape is almost round; deeply ribbed; skin green, and densely netted; flesh remarkably thick, light green, and of good flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Giant Chicago Market—This fine nutmeg melon is one of the very sweetest; large and very productive; decidedly ribbed; extra well netted; thick green flesh. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

New Triumph—This superb new melon, which we offered for the first time last season, is the latest production of the raiser of the Columbus Muskmelon, named and introduced by us three years ago, and has given such universal satisfaction to all who have grown it. The Triumph is a cross between Columbus and Osage, combining all the good qualities of these two excellent melons, and is a very superior melon. The beautiful orange flesh is thick and luscious, ripens clear to the rind. The melons are medium to large size and are beautifully netted. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Long Island Beauty—A splendid new variety of the Hackensack type. It is of very superior quality, with green flesh, and densely netted. In shape it resembles the Hackensack, but slightly more ribbed. Besides being most beautiful, it is also one of the earliest of all. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Jersey Belle—The only fault ever found with **Jenny Lind** was its small size. This sort is double its size and equally as good in all other points, and seems to have been selected from it. It is among the first to ripen as well as largest of first early sorts. It is flattened on the ends, deeply ribbed and heavily netted. This is a great favorite down in Jersey. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 75c.

Extra Early Green Citron—(First in Market)—The largest of the very early nutmeg melons. Form, nearly round; fairly netted; flesh green; quality first-rate. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early Green Flesh Nutmeg—The Old Original Nutmeg, and one of the very best; highly scented flesh, thick, sweet and fine flavored; of good size and quite early. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Emerald Gem—Medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained, and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted. One of the best for home use. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Hackensack—(Turk's Cap)—A General Crop Melon. It is round, well netted, and of large size; flesh green and thick; delicious flavor; beautiful in appearance. Very popular the country over. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Miller Cream—Ranks high as a market melon, either for home or shipping. The flesh is of rich salmon color, very sweet and melting, and is so thick that the melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive; medium in size, and resembles the **Osage** very much. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Banana—From Two to Three Feet Long—Yellow fleshed; entirely free from netting; skin, delicate straw color; flesh quite thick and blends from bright green to a rich salmon, making a fine and striking contrast; early; quality equal to the common muskmelon, and has a delicious fragrance; reminds one of an overgrown banana. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Barberton, Ohio, October 14, 1895: "In testing your New Banner Potatoes with 60 others, I find them possessing everything claimed for them. I had a peck on exhibition at our County Fair. They were much admired by all who saw them. You may expect a good many orders from here next spring. I want to thank you for the excellent seeds I received from you last spring. I received \$25.00 in premiums on the squashes raised from your seeds, largely due to the perfect type, and true to the name. It is a pleasure to garden with such seeds." EMANUEL WERTZ.

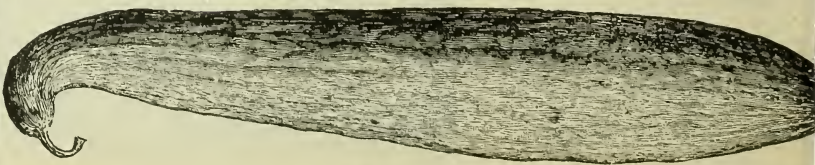
Baltimore, Md., March 26, 1895: "Would say have bought your seeds for several years and always found them first-class." R. M. MIERRE.

Plattekill, N. Y., March 27, 1895: "It gives me pleasure to recommend your seeds as they are worth it. My experience with them proves that they are indeed 'True Blue,' and while they have been so satisfactory I shall continue to use them, as nothing affords me more satisfaction than a reliable seedsman." JOHN NAEOR, JR.

St. Mathews, Ky., March 19, 1895: "The Livingston Muskmelon that I got from you last year was the finest melon I ever saw. It was alike all over the patch, the same as if they had been molded. The Seneca Potato was also very fine. I grew it as a second crop for seed." M. D. LUSHER.



Osage Muskmelon.



Banana Muskmelon.

NEW COLUMBUS MELON.

It is a green-fleshed, general crop variety, ripens with Hackensack, and is a heavy yielder. The vines are strong and thrifty, and the melons, if left on the vines a week after they are ready to pick, still retain their good quality. It is strikingly distinct in shape, color and general markings, and no melon in existence will compare with it as a **long keeper**. Its beautiful buff skin is covered with a very thick whitish netting. It is almost entirely free from ribs or seams. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity; never bursts open at either end, and can be safely shipped long distances in barrels or other large packages. Its attractive appearance insures ready sales in any market, and its good table qualities create at once a lively demand from customers. In our hands this melon has been greatly improved the past three seasons. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00; 3 lbs., \$2.50. Postpaid.

EXTRA EARLY HACKENSACK—One of Our Leaders. It produces melons equally as large and with all the good qualities of the well-known Hackensack, but two weeks earlier; heavily netted, and has light green flesh of delicious flavor. Its shape and solidity admit of its being packed very closely in crates for shipment, and it will keep in good condition for several days after picking. The seeds do not shake loose en route as in many others. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00; 3 lbs., \$2.50. Postpaid.

EARLY NETTED GEM—Extensively Grown, and preferred by many to all others for table use. Shape, almost a perfect globe, and grows remarkably uniform; thick meated; flesh light green in color, and uniformly of fine, luscious flavor; skin green, regularly but not deeply ribbed and thickly netted; very productive and extra early in ripening; will keep for nearly a week after picking, and is especially suited for shipping in baskets or crates. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00; 3 lbs., \$2.50. Postpaid.

Champion Market—One of the Handsomest Melons Known. Very uniform in size and shape; densely netted; the flesh is thick, green in color, and of rich, sweet flavor; very productive, frequently bearing seven perfect, good-sized melons on a single vine, which mature quite early and ripen up finely. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Baltimore Nutmeg—Cantaloupe—Has a beautiful heavily netted, green skin; of good size; in shape a desirable and distinct oval, and slightly ribbed; flesh thick, green, very finely flavored, smooth and sweet; very productive, and never bursts open at blossom end. Our stock is the large strain, which out-sells all others in the Baltimore markets. It is so solid that it can be shipped in large sized barrels without injury. In the height of the season whole boat loads of it are loaded daily at Baltimore for the Philadelphia and New York markets. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

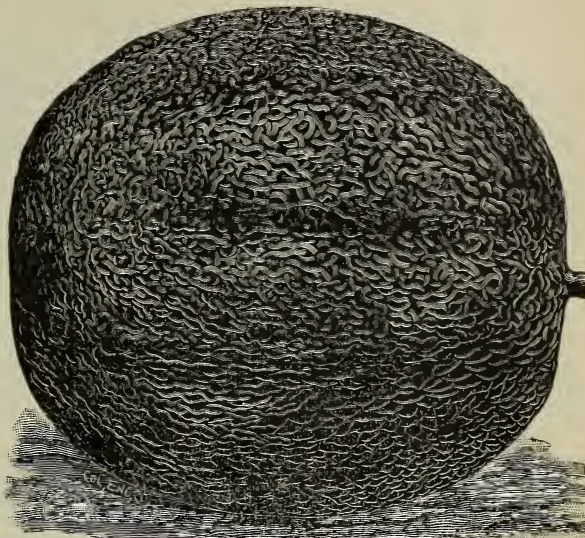
The Banquet—Obtained by years of careful selection by the largest and most experienced grower in the world; a beautifully netted little melon of very good quality; flesh uniformly deep; color, dark rich salmon. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

New Orleans Market—A large species of the nutmeg class, covered with a rough coarse netting, slightly ribbed, and its green flesh is of luscious flavor. Our seed is grown from stock secured from the best New Orleans source. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Large Green Nutmeg—Round; large size; green flesh. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

We can supply the following well-known varieties of Muskmelons at the uniform price of 5c. per packet, 25c. per ¼ lb., 75c. per lb.:

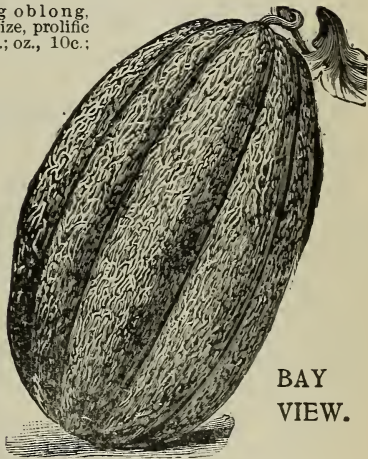
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|-----------------|-----------------|----------------------|
| SKILLMAN'S, | CHICAGO NUTMEG, | IMPROVED CHRISTIANA, |
| REEDLAND GIANT, | DELMONICO, | LONG YELLOW, |
| SURPRISE, | WHITE JAPAN, | JENNY LIND. |



New Columbus Melon.

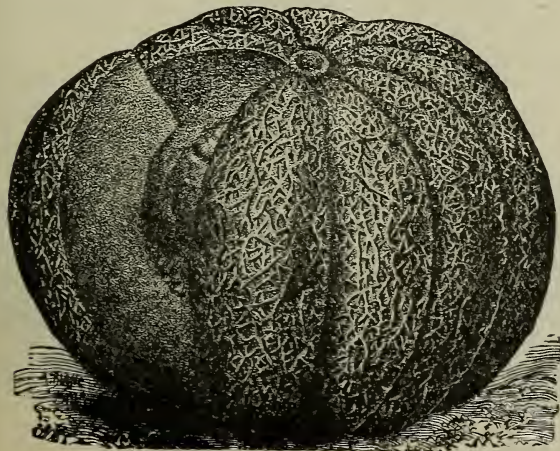
Bay View—The leading oblong, green-fleshed sort; of large size, prolific and of fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Bird's Cantaloupe—A very large oblong melon, similar in shape to Bay View; fine flavor, thick green flesh, of good quality and an excellent keeper. Pkt., 5c. oz., 10c.; ¼ lb., 25c.; lb., 75c.



BAY VIEW.

NOTE—We invite Shippers and Large Growers for market to try our stocks of Extra Early Hackensack, Netted Gem, Livingston's Market, Columbus, Baltimore and Osage. We have an immense trade on these and know we can please you, because hundreds of your class favor us with large orders annually. Correspond with us for Special Prices and melon Pointers in general.



Extra Early Hackensack Melon.



Is monstrous size, cream-yellow, very early, absolutely distinct and pure, with seeds more than twice as large as other sorts. A whole field of them will average 18 to 20 lbs each, and select specimens 25 to 30 lbs. Deliciously sweet and luscious, with fine, melting, thick, salmon color flesh. Never stringy. The flavor pleasant; not high, nor rank. True stock, direct from grower. ¼ lb. 50. oz. 15. pkt. 5.

WATERMELON.

German—*Wasser Melone*. French—*Melon d'Eau*. Spanish—*Sandia*.

A light, sandy soil, with good exposure to the sun, is the best for Watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. If extra large melons are desired for exhibition purposes leave but one or two melons on a vine. Plant in hills eight to ten feet apart each way, with a shovelful of well-rotted manure mixed with the soil in the hill. If commercial fertilizer is used it should contain a large percentage of ammonia and potash. Plant eight or ten seeds in each hill, and, finally, when danger from insects is past, leave but three strong plants. One ounce of seed for 30 hills; one to two pounds for an acre.

COLE'S EARLY—New—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes, but, possessing all the other most desirable features, we can highly recommend it for home use. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

TRUE ICE CREAM—The Great Home Market Melon—This Old Stand-by is our best general cropper for the home market; it has too thin a rind for shipping unless packed in straw. We have sold it for many years to our extensive Scioto Valley melon growers, for whom it brings the highest prices, and meets with ready sale regardless of other varieties that may be on the market, because it has become a great favorite with Columbus melon dealers and consumers. Few, if any, surpass a True Ice Cream for quality and productiveness. Medium early, fruit oblong, large size; rind, light, mottled green; flesh, bright scarlet, solid to the center, melting and delicious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; 3 lbs. for \$2.00, postpaid.

Read below what Mr. Markley, the veteran melon grower of the Scioto Valley, has to say about our strain of Ice Cream Melon:

H. E. Markley, Pickaway Co., O., Nov. 30, 1894: A. W. L.'s. Son's—"Your True Ice Cream Melon Seeds lead all others for purity and germinating qualities; we have used them for thirteen years. This variety outsells any other melon raised here. It is the best melon grown in this valley."

KOLB'S GEM—Large melon growers pronounce this one of the most successful shipping melons ever introduced. The rind, though quite thin, is very tough, standing shipment long distances without breakage. The flesh is bright red and of good flavor. It is one of the largest (30 to 50 lbs.), most productive and best keeping melons grown. Our stock cannot be surpassed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.65.

Turkish Dwarf—The vines are of dwarf habit, allowing it to stand one-fourth closer than ordinary sorts. The color is quite dark green, with stripes of light green running from pole to pole. These latter give the melons an appearance of being distinctly ribbed like a Muskmelon, when in reality the ribs are barely perceptible. It has a smooth skin; the quality is excellent; fine grained and sweet; medium in size; productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

JONES' JUMBO—This variety is from Georgia, the home of the Watermelon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, sometimes attaining the weight of eighty pounds, with plenty of them at forty to sixty pounds. It is one of the best shipping sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c; 3 lbs., \$2.00.



IMPROVED DIXIE—(4)—A beautifully striped melon which few, if any, surpass for shipping or equal it for the table, the flesh being very red, sweet and juicy; it is all that can be desired in quality, flavor, etc. We wish to call the shipper's attention to the fact that this melon will hold after it is ripe for several days and still retain its excellent qualities. This is a decided advantage, because the melons may be left to ripen on the vines, or may be detained while en route to market, as is often the case, and still bring the highest market prices. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; 3 lbs., \$2.00.

Florida Favorite—(1)—A splendid oblong melon; ten days earlier than Kolb's Gem; red flesh of the finest flavor and quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c; 3 lbs., \$2.00.

Green and Gold—(3)—A golden-orange fleshed valuable variety of good size (25 to 30 lbs.); early; productive; rind very thin, the white being only $\frac{3}{4}$ to $\frac{1}{2}$ inch thick; flesh is juicy, very sweet and of delicious flavor. Its rich golden color makes it desirable as an ornament for the table. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

Ruby Gold—(2)—This is a fine, new, large, long melon; the flesh is solid, pure golden yellow, variegated with streaks and layers of bright pink; most delicious flavor and melts in the mouth like cream. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

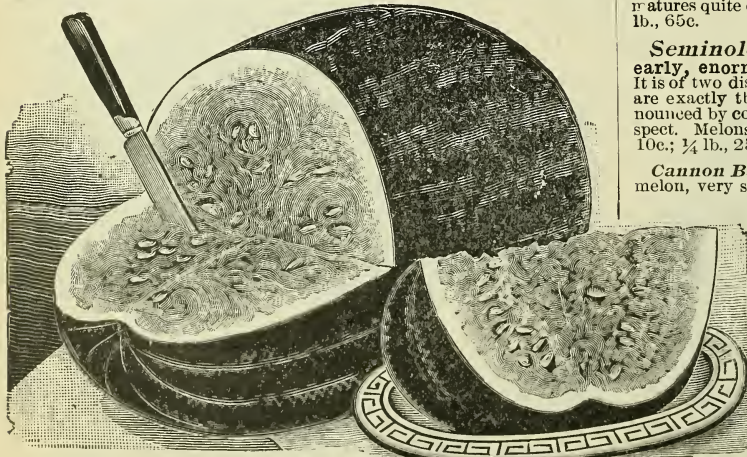
White Gem—(5)—A new, round, white-skinned variety, somewhat resembling the well-known Russian Volga, but said to have come originally from China. Extremely hardy and productive, and thrives well in our climate; flesh, pink; delicious flavor; rind thin, but very tough and hard. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Mammoth Ironclad—Of immense size, handsomely marked, and oblong in shape; the flesh is red and very solid; the heart is large, and flavor delicious. The rind, while very thin, is remarkably hard. It matures quite early, and is a heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

Seminole—One of the very best large, long Florida melons. Extra early, enormously productive, and of most delicious flavor. It is of two distinct colors—gray and light green. Melons of both colors are exactly the same in size, shape, color of seed, flavor, etc.; pronounced by competent judges to be exactly the same melon in every respect. Melons of both colors are found on the same vine. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c.

Cannon Ball—This is a splendid melon, very solid, so dark in color that it is almost black, and is as round as a cannon ball. Splendid for home use, small families, etc. Sells well, too, and gives satisfaction. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

See
NABOB
2nd page...
of Cover.



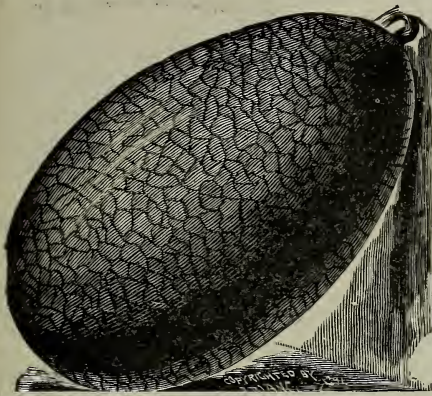
Jones' Jumbo Watermelon.

Cannon-Ball Watermelon.

LIVINGSTON'S NEW NABOB WATERMELON, See Novelty Pages.

FORDHOOK EARLY.

An extra early melon of large size. The form is nearly round; average weight 35 lbs. The rind is tough, the outer color is uniform medium-green; seeds are white; the flesh is bright red and very sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. Valuable for shipping.



Red Vauclose Watermelon.

Red Vauclose—It is early, of large elongated size. The flesh is a bright crimson, reddest of all, very sweet, not in the least stringy; the seeds are also bright red. The rind, though thin, is very tough; it is a glossy, dark green, beautifully threaded with a still darker green. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

Pride of Georgia—Round in shape; striped light and dark green; uniformly of good market size; flesh bright red, and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

The Boss—Has a very black green skin, long in shape, large and very heavy; flesh solid and red; quality good. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

Hungarian Honey—Perfect globe shape; skin dark green; flesh deep red, stringless, and of the richest and sweetest honey flavor; extremely hardy and vigorous. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Preserving Citron—Red seed, used for sweetmeats and preserves; flesh solid and white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Colorado Preserving—Larger than the common Citron, weighing 25 to 40 lbs.; flesh very solid, and makes very clear, transparent preserves of fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Apple Pie—When stewed and made into pies it is an excellent substitute for apples. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Dark Icing—Prized on account of its excellent quality; very solid; rind very thin; white seed; flesh sweet and melting. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.; 3 lbs., \$2.00.

Phinney's Extra Early—Few, if any, of the early sorts of recent introduction surpass this old favorite. It is first to ripen; good size; productive; shape, oblong; rind a distinct, mottled color; the flesh is a deep red; a first-class early market melon. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



Phinney's Extra Early Watermelon.

The Gragg—A Texas melon, very distinct in both inside and outside appearance. The color is dark green, with alternate stripes of lighter green, the whole being covered with a delicate tracery of dark veins. The flesh is of a delicate salmon tint, sweet, juicy, and melting, with a rich flavor. Large, oblong, just the right size for market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Ferry's Peerless—One of the best for the home garden and for market gardeners who deliver direct to consumers. Medium size; flesh red; white seed; quality first-class. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Mountain Sweet—One of the oldest and best known; good for home gardeners' use. Oblong; skin deep green; solid; large; rind thin; flesh deep scarlet; quite early. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

We can supply the following well-known varieties of Watermelon at the uniform price of—Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 65c.

Stokes' Early, Light Icing, Cuban Queen, Vick's Early, Delaware, Georgia Rattlesnake, Gray Monarch, Black Spanish, Christmas, Orange.

MUSTARD.

German—*Senf*. French—*Moutarde*. Spanish—*Mostazoe*.

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Cultivate same as Cress.

Southern Giant Curled—This is very highly esteemed in the South, where the seed is sown in fall and plants used very early in spring as a salad. Seed is brown; produces plants which grow about two feet high; form enormous bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

White English—The leaves are light green, mild and tender when young; seed, light yellow. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

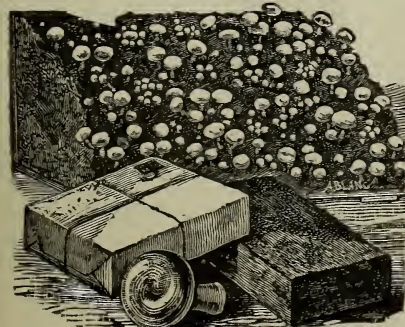
Brown or Black Mustard—More pungent in flavor than the white. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

MARTYNIA.

A hardy annual plant, the seed pods of which, if picked when green and tender, make excellent pickles. Plant in May in the open ground about three feet each way, leaving but one plant in the hill.

Proboscidea—Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

MUSHROOMS.



Mushrooms.

One of the most profitable crops for the outlay that can be grown; the market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say four feet wide. Put down a

thin layer and pound it down hard, and go on until you have a bed 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede

until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover the bed with two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in Mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed two by six feet. We would advise Mushroom growers, especially new beginners, to get a book on the subject, written in full by an experienced grower, such as "Falconer's Mushrooms and How to Grow Them," \$1.50, post-paid by us. We import our Spawn from the best maker in England.

English Spawn—1 lb. Bricks (postpaid), 25c.; 3 lbs., 65c. (not paid); lb., 20c.; 5 lbs., 75c.; 10 lbs., \$1.25.

French Spawn—2 lb. boxes (postpaid), \$1.00; by express, at buyer's expense, 75c. per box.

OKRA OR GUMBO.

One of the most wholesome vegetables of the South. The pods, when young, make a fine soup of themselves, or with other ingredients, and when pickled are a fine salad. Plant seed, after the ground is warm, thickly in drills 3 feet apart, thinning to 1 foot. Make early and late sowing to secure supply throughout the season. No trouble to grow in any good garden soil.

White Velvet—Decidedly the best variety. Distinct in appearance; unlike other varieties, pods are not ridged, but perfectly round, smooth, an attractive white velvety appearance, of superior flavor and tenderness. Comparatively dwarf, of compact branching growth; the extra large pods are produced in great abundance. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.



White Velvet Okra.



We take pride in the record of our fine strains of Onion Seed. Having grown onions for years, for market as well as for seed purposes, we are in position to fully appreciate the necessity there is for using great care in the selection of the bulbs for seed production. There is no crop which depends more upon the quality of the seed. The seed we offer, we are sure, is not surpassed anywhere, and is thoroughly tested for vitality before it is sent out, so that it is **sure to grow**, where soil and season are favorable, and is sure to produce an abundance of well-shaped bulbs, free from scullions or stiff necks. **Beware of poor seeds offered at low prices.** We can easily purchase onion seeds that could be sold for 50 cents less per pound than our prices, but it would prove a very expensive investment to the buyer in the outcome. We aim to sell at **reasonable prices** and as low as any seedsman who offers **seed of first-class quality.**

Full Sized Onions the First Year. The seed we offer will grow full sized onions the first year. To do this they should be sown as soon as possible in the spring, no matter if the weather is cold, so the soil works

up well. This gives them a good start ahead of the weeds and before dry, hot weather sets in. Sow thinly, four or five pounds to the acre, in drills one foot apart, and about $\frac{1}{4}$ of an inch deep, in strong land, well manured; thin out to stand three or four inches apart in the drills, keeping them well hoed and free from weeds. Onions delight in strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground. To get **heavy crops** (800 to 1,000 bushels per acre) of **finest shape and high colored bulbs**, especially Danvers and other Globes, large quantities of best rotted manure must be used; 15 to 20 cords would be none too much. If well-rotted manure is not to be had, use a high grade of commercial fertilizer containing a large percentage of potash.

Fall Sowing. Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use, thin out to four inches apart to secure a crop of large onions. **This plan works admirably in the South** but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in the Spring.

OHIO YELLOW GLOBE ONION.

EXTRA SELECTED STOCK.

Generally admitted by Seedmen and Onion Growers everywhere as the most desirable strain of *perfect type globe shaped onion* in existence. We name it **Ohio Globe** to designate it from the many strains of Globe Danvers now offered; besides, to Ohio growers, especially on the Western Reserve, belongs the honor of producing, by many years of pains-taking care, selection and cultivation, this, *the finest strain of that extreme type of Globe* now so eagerly sought after by all the best growers, and so deservedly popular in all large onion markets. Its main points of excellence are *distinct and attractive shape, handsome, bright, even color; it ripens early and all at once. The necks are very small and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality, enormous yields, 800 bushels (standard weight) per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil (when well enriched) and especially good for marsh lands on account of its quick maturing qualities.* Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75; 4 pounds for \$10.00 (postpaid).

YELLOW DANVERS GLOBE—*Extensively grown as a main crop in many sections of the country. It is of beautiful golden color; bulb medium size, quite early, bottom nearly flat, oval top, with small neck; very prolific and a first-class keeper and shipper. The strain we offer of this popular variety can be excelled only by our Ohio Yellow Globe.* Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.10 (postpaid).

YELLOW DANVERS FLAT—A splendid onion for either market or home use; flatter than the Globe Danvers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

LARGE RED WETHERSFIELD—*For general purposes the country over, no red variety is so largely grown, and more especially in the East, where immense crops are raised for shipment. Large sized, somewhat flattened; skin deep purplish red. It is one of the best keepers. We have grown it on various soils for over thirty-five years and cannot recommend it too highly as a general cropper and a variety that will do well anywhere that large onions can be grown. It yields enormous crops when the conditions are favorable.* Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.10 (postpaid).

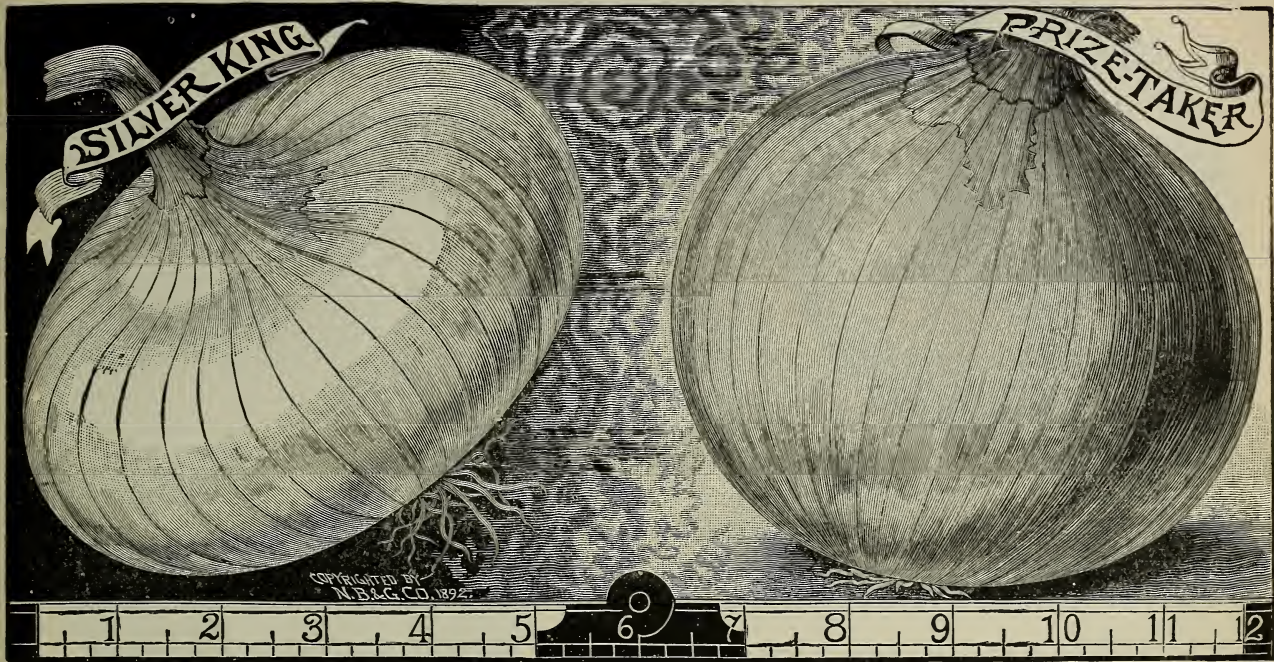
EARLY RED GLOBE—A very handsome variety, and deserving of general cultivation. It matures very early, grows to a good medium size, and keeps well; skin deep red; flesh fine grained; flavor mild; tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

WHITE PORTUGAL, OR SILVER SKIN. Ripens early; of large size, mild in flavor, and excellent for winter use; much esteemed for pickling when small, and grows a *handsome, good keeping set* when sown too thick to grow big onions. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.90.

LARGE WHITE GLOBE. By careful selection and cultivation we have developed this **handsomest of all white varieties** until it is second to none as a **good keeper.** Yields abundantly, producing very handsome, large, pure white, globe-shaped bulbs; flesh firm, fine grained, of mild flavor, and is in many respects superior to the ordinary Silver Skin Onion. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

J. Springer, Augusta, Me., May 5, 1895: "The Planet Jr. Combined Drill and Cultivator works well, and I can hardly see how so much can be offered for the money."

Write for **SPECIAL PRICES** on five pounds or over, of one or more kinds, naming the quantity of each.
We offer **SPECIAL INDUCEMENTS** to those wanting a Seed Drill or Cultivator in connection with Onion Seed.



MAMMOTH SILVER KING—Of attractive shape, with silvery-white skin and flesh of a most agreeable mild flavor. It matures quite early and reaches a much larger size than any other of the flat white varieties, frequently measuring twenty inches in circumference and weighing from three to five pounds when well grown. They *must be sown thinly* to produce large onions. We have sold this onion for ten years, and do not hesitate to recommend it as one that is *sure to please the grower*. **TRUE AMERICAN GROWN SEED.** Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.10.

PRIZE TAKER—This is the large, beautiful Spanish variety sold in the fruit stores and in the markets of all large cities. They are of enormous size, averaging from 14 to 16 inches in circumference. Although of such great size, it is very hardy, and a good winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well, are free from stiff-necks, and have produced more bushels of marketable onions to the acre than any other variety known in America. In market it attracts attention, and sells readily at advanced prices. **TRUE AMERICAN GROWN SEED.** Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

BEWARE OF FOREIGN SEED of the Above Varieties. It Does Not Compare with Home-Grown Stock in Purity, etc.

Extra Early Red—A good medium sized, flat variety, very uniform in shape; smaller than Red Wethersfield, but about two weeks earlier; abundant producer; good keeper; very desirable for early market, and good where seasons are short, on account of its rapid growth requiring a short time to mature it; grows a handsome shaped set when planted very thick. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Philadelphia Strasburg—A splendid yellow variety. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Mrs. A. C. Jennings, Offley, Va., March 21, 1895: "The Onion Seed I bought of you last spring was the best I ever raised. I raised 13 bu., notwithstanding the severe drouth from one pound of seed I bought of you. I believe your seed is just as good as can be bought anywhere. The most beautiful bulbs I ever saw."

Mrs. H. H. Adams, Springfield, Mo., April 4, 1895: "I received my seeds all right, and for promptness in filling orders Livingston's should have the medal. My Onion seeds are all up and doing nicely."

Jas. M. Monroe, Pemberton, O.: "I have been using your Garden Seeds for nearly twenty years. Always found them reliable, producing the best results."

Free to Customers.

On application we will send full and complete instructions

HOW TO GROW ONIONS,

both by the ordinary method, as well as by the **New Transplanting System.**

Southport Large Yellow Globe—Very large fine color, and keeps well. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Southport Large Red Globe—Large and distinct in form, being nearly globular. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Yellow Dutch, or Strasburg—The well-known flat, bright yellow onion; a good keeper; later and larger than Danvers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Hugh A. McCord, Burlington, Kan., March 14, 1895: "I was well pleased with the seeds I bought of you last year. The Prize Taker Onion Seed brought me the finest I have ever raised. Syrup from your amber cane took the first premium at our county fair."

Mrs. I. M. Werninger, Pawrill, Mo., March 19, 1895: "I have been using your seed for several years; found them pure and reliable; packets large size, about double the size of ordinary."

Clara E. Evard, California, Mich.: "I liked the seeds I got of you last year. They all grew, and I thank you for the extras sent me."

Mrs. Bettie B. Deman, Hanover, O., April 9, 1895: "The Musk-Melon sent us last year for trial were splendid in taste, but not so large as might have been under more favorable growth. No need to tell you our Buckeye State Tomatoes were grand. No Onion can excel the Bermuda Island Red."

Mamie E. Green, Chesterville, Ohio, April 28, 1895: "Every seed I have ever bought of you has grown to perfection."

John T. Hoffman, Fincastle, Va., March 14, 1895: "I appreciate the promptness in which I have always received my seed when I ordered from you. I have bought from many seedsmen and must say that you and your seeds are among the very best."

LIVINGSTON'S TRUE BLUE SEEDS
are **LIVE SEEDS**
for **LIVE PLANTERS**
from **LIVE SEEDSMEN.**

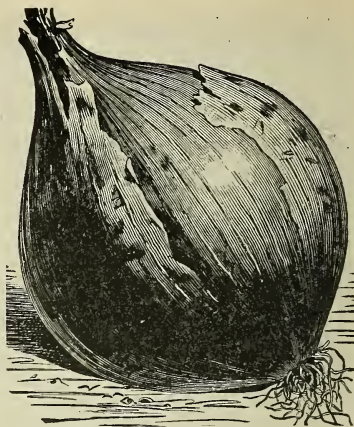
THE SHORT CUT TO SUCCESS.

Supplying Seeds that will give customers **SATISFACTORY RESULTS**, also fair and generous treatment, always did and always will win.

FOREIGN ONIONS.

The following varieties have been tested in all sections of the United States and given good satisfaction. We recommend them as very desirable for summer and autumn markets, because they generally command ready sales at good prices, especially when grown by the transplanting method; they are also valuable for the family garden. Large quantities are grown South and shipped to northern markets, but as they are not good keepers we would advise growers North who have not tested them to rely chiefly on the American Onions for their main crop. All Italian varieties are sweet and mild flavored, more so than the American Onions, and are of very rapid growth.

Extra Early Barletta—The very earliest onion in cultivation; claimed by many to be earlier than White Queen. When mature the tops die down, leaving beautiful and perfect little bulbs. The color is pure white, flavor mild and delicate, perfectly adapted for pickling and for table use, and makes a pretty bunch onion, especially if grown by transplanting method. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.90.



Red Victoria.

Red Victoria—Of distinct oval round shape; can be grown to weigh two to four pounds each. Skin very dark red, flesh white or rose-colored; mild and sweet; a good keeping variety. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

White Victoria—A beautiful round variety with silver white skin, but sometimes of a delicate light rose-color; flesh juicy, sweet and milky white. A good keeper, and double the size of the **Large White Globe**. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

Extra Early Pearl—("Silver White Etna," "Bloomsdale") A very fine and very early variety. The bulbs, when well grown, are large, round, flattened, with a delicate pure white skin; flesh very mild in flavor. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

Giant White Italian Tripoli—(El Paso, or Large Mexican)—Of large size and most beautiful form, with fine white skin. The first season from the seed it will grow an onion somewhat larger than White Portugal, but to attain their full size, which is much larger, the seed should be sown very early in a hot-bed and transplanted to rich soil. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

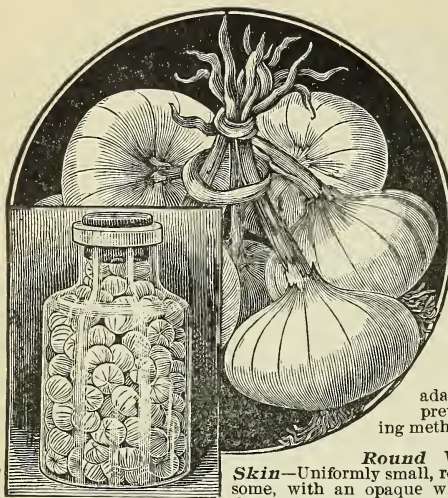
Red Mammoth Tripoli—Similar in size and shape to the Giant White Tripoli. Skin thin and of rich, blood-red color; flesh white, fine grained, mild and pleasant; of quick growth, immense size. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

Bermuda Island Red—(Teneriff)—A very early pale red onion, grown extensively in the Bermudas, and put on our markets early in the summer. Grown in our climate, the bulbs are smaller, but mature early and retain much of the mild, sweet flavor of the imported ones. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

Bermuda Island White—A little smaller, milder flavored; white in color; otherwise same as the Red. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

Giant Rocca—Light brown skin, globular in form, flesh tender and mild. It will produce an immense onion from seed the first season. To attain the largest growth the smallest bulbs should be set out the next spring, when they will continue increasing in size instead of producing seed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

Giant White Rocca, or Silver Ball—One of the handsomest and sells readily in market at high prices. Almost globular in shape, with a beautiful silvery skin; flesh pure white, flavor mild and delicious. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$1.90.



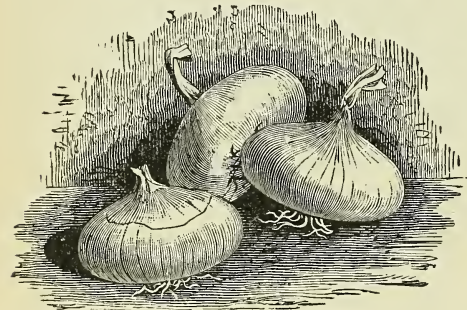
Extra Early Barletta.

the same time crisp and brittle, making them one of the best pickling onions ever introduced. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Neapolitan Maggiajola (Italian May Onion).—A large, flat, beautiful, silvery-white skinned variety; one of the earliest of all; a fair keeper. Can be sown in February or March and will mature a crop very early; or if sown in July the crop will be matured the same season. In the South the seed can be sown in autumn, and large onions gathered in March. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Mammoth Pompeii (Red Garganus, Copper King)—This is a very fine variety. It has produced onions weighing four or five pounds each. The skin is a delicate red, flesh close grained and nearly white, and of very mild flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.90.

Spanish King—Said to be the same as Prize Taker, a splendid type of the Yellow Spanish Onion. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.



White Queen.

White Queen

—A pure white, small, flat onion, 1 to 2 in. in diameter. Sown in early spring, will ripen in July. Very mild flavored; excellent for pickling. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

ONION SETS.

Bottom Sets are produced by sowing the seed very thickly (40 to 60 pounds to the acre) as early as the ground can be worked in the spring, in beds or broad drills, and not thinning out. About the middle of July, or whenever the tops die down, usually when about half an inch in diameter, they are pulled and allowed to lay on the ground a day or two, when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used in green state in June and will ripen in July.

Top Sets, or Buttons—"Toppys"—These produce the small clusters on the top of the stem, where seed is produced in the common kinds. These small ones are planted in the spring and the result is large onions, and these large ones, with one year's growth, produce the clusters on the top.

Winter, or Egyptian Tree—When once set out it grows for years without any protection or care, except in keeping down the weeds. It starts so early in the spring that it is ready for use a long time before any other onions can be had. It is mild-flavored, sweet and tender. They form no large bulbs, but divide and grow as many as fifteen or twenty small onions in one bunch. Desirable for family use, and very early and profitable for market gardeners.

WHITE MULTIPLIERS—Are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keep-

ing qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets.

ONION SET PRICES. Prices are based on the present market rates and are subject to change, according to the market, without notice. The market fluctuates very much, hence we do not care to make a fixed price. Lowest market prices on small or large quantities will be given on application at any time. At bushel, peck and half-peck prices the buyer pays the express or freight; at pint and quart prices we pay the postage.

	Pt.	Qt.	½ Pk.	Pk.	Bus.
White Multiplier	\$0.15	\$0.30	\$0.50	\$0.90	\$3.25
Top Sets, or Buttons .....	.15	.25	.50	.80	3.00
White Bottom Sets .....	.15	.25	.50	.80	3.00
Yellow Bottom Sets .....	.15	.25	.40	.75	2.50
Red Bottom Sets .....	.15	.25	.45	.80	2.75
Egyptian Winter Sets .....	.15	.25	.25	.40	1.25

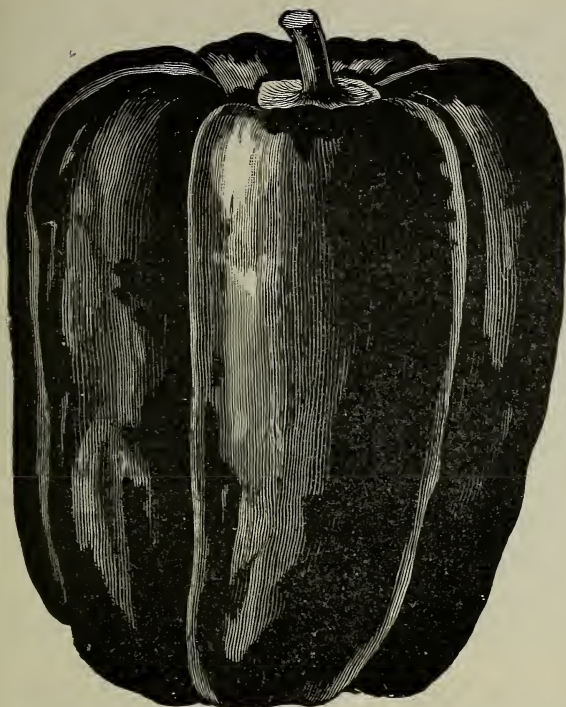
Bottom Sets and Potato Onions are sold by measure. White Multipliers, Button and Egyptian, by weight, 28 pounds for a bushel.

POTATO ONIONS—Esteemed by many as the best for early use; are large size, mild sweet flavor, very early, and large producers; the small bulbs are planted in the spring and increase in size, and the parent bulb planted in the fall and spring produces a quantity of small bulbs in a cluster, growing mostly on the top of the ground. Price (postpaid) pt., 20c.; qt., 30c. By Express (not paid), qt., 20c.; ½ pk., 50c.; pk., 75c.; bus., \$2.50.

If you want several bushels of sets, write us, and we will make you lowest market price at the time, for choice stock. We handle sets in large quantities.

PEPPERS.

German—*Pfeffer*.
French—*Piment*.
Spanish—*Pimiento*.



Mammoth Ruby King.



Cardinal Pepper.

PEPPERS should be started in a hot-bed or cold frame and transplanted about the close of May in a sunny location, in rows about two feet apart each way. May also be sown in the open ground when all danger of frost is passed, and the weather has become settled and the soil warm, and transplant as above when the plants are three or four inches high. Some very rich fertilizer stirred into the soil when the plants are about six inches high will be found very beneficial to the crop. **One ounce of Seed for 1,500 Plants.**

Mammoth Ruby King—Entitled to head the list. Of immense size and the mildest of all varieties. Ordinarily they grow four to six inches long, by three to four inches thick. When ripe they are of a beautiful, bright, *ruby red color*, and are a ways remarkably mild and pleasant to the taste. They can even be sliced and eaten with pepper and vinegar (like tomatoes or cucumbers), and make a very pleasant and appetizing salad. The plant is of sturdy, bushy habit, and each plant produces from six to twelve hand-

some fruits. They should not be grown near the hot varieties or they will partake of their fiery nature. **Choice Seed**—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Giant Yellow King Mango—New Golden Pepper, an exact counterpart, except in color, of the famous Ruby King Pepper, which has so steadily gained in popular favor the past ten years. The beautiful healthy plants bear large, handsome fruits, of a most attractive, bright yellow. The flavor is unsurpassed, exquisitely mild and pleasant. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.



Kaleidoscope Pepper.

Kaleidoscope—A novel and beautiful sort, having long wavy branches, loaded with drooping fruit. From the time the peppers form until fully grown they are of a light yellowish cream color. When fully grown they commence to change color, first to a lovely canary yellow, then to a deep orange, then to rose or pink, and so on through different shades until they are an intense scarlet; a plant bearing hundreds of peppers showing six or eight distinct colors, is an object of great beauty. Grows freely in the garden or in pots. Its flavor is clear and sharp. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; 4 ozs., 75c.

New Fancy Wrinkled—Excites admiration on account of their distinct and peculiar form and various colored fruits, *deep orange, vivid scarlet, lemon yellow*; a profuse bearer, flavor *sharp*. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.

County Fair—Hard to equal in quality and productiveness. Its striking, handsome appearance at once arrests the eye, whether in the market or on the exhibition stand of an agricultural fair. Of medium size, very solid and "meaty," and of sweet, sprightly flavor. Pkt., 5c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.30.

Procopp's Giant—This new variety is the "Goliath" of the pepper family. They grow uniformly to a very large size, of brilliant scarlet color, and in flavor just hot enough to be pleasant. Pkt., 10c.; ½ oz., 15c.; oz., 25c.

Celestial—A most useful pepper and one of the most beautiful plants in existence. The plant begins to set peppers early and continues until frost, branching freely and bearing profusely. The pods are upright, conical in shape, and of a delicate creamy yellow, and when fully grown change to a vivid scarlet, making a plant of striking beauty and oddity. Peppers are two to three inches long, sharp flavor, and superior for any of the uses to which the pepper can be put. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Orange Mammoth Sweet—A very large yellow sort, of fine shape, mild and excellent for mangoes. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.

Golden Dawn—Productive and handsome yellow variety, almost exempt from fiery flavor. Not so large as Orange Mammoth. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Large Bell, or Bull Nose—An early variety of mild flavor; rind thick and fleshy. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Large Sweet Mountain—Very large and excellent for mangoes. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Cayenne—For making Cayenne Pepper Sauce. Small; pungent; used more than any other for making pepper sauce. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Long Red—Beautiful and productive, four inches long and an inch or more in diameter; flesh thick and pungent. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Squash, or Tomato Shape—Fruit large, round, flesh thick, and mild flavored. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

Red Cluster—Its distinct and brilliant scarlet fruit is curiously crowded together in bunches or clusters at the top of each branch. A single plant bears hundreds of handsome, hot and pungent peppers. Its bright colored fruit ripens early and makes a charming contrast with its deep green leaves. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.

Cherry Red—Fruit small, round, color rich scarlet; very hot. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

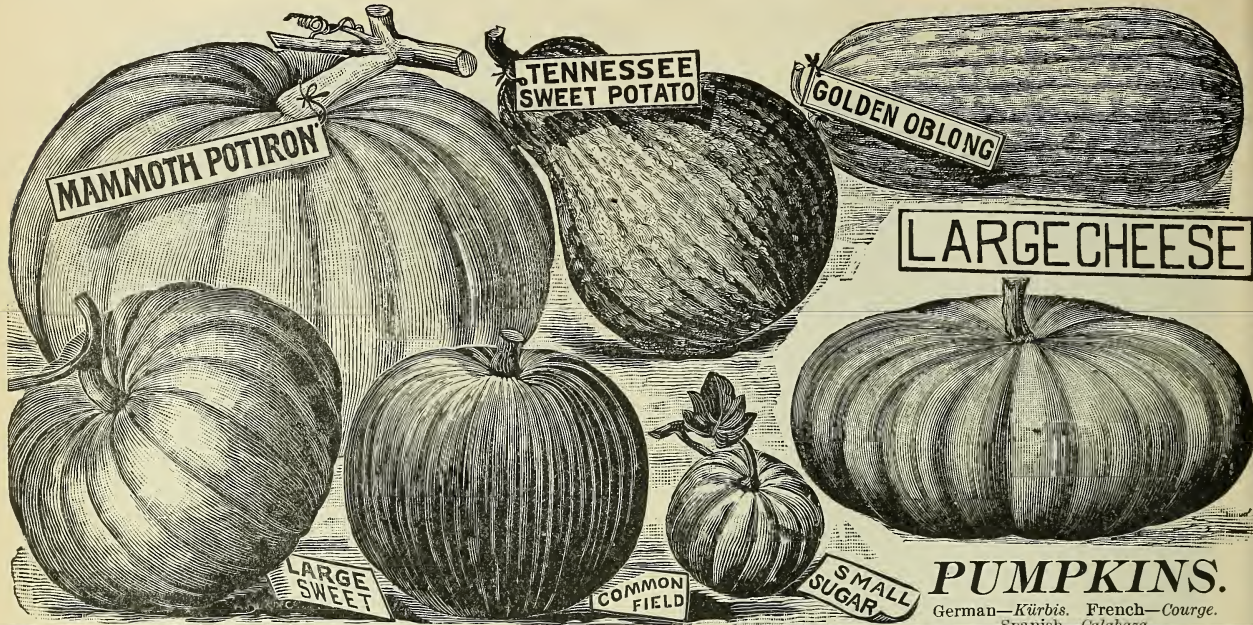
New Black Nubian—(See Novelty List)—Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Coral Gem Bouquet—Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals. A splendid sort for making pepper sauce, and makes a ready selling plant when grown in pots. Pkt., 5c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.

Sweet Spanish—One of the largest and earliest varieties; flesh is sweet and mild. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Cardinal—A new pepper with long, curved, tapering pods, about two inches thick at the stem end; very sweet and tender, and exceedingly handsome. Nothing equals it in depth, purity and brilliancy of color. It is worthy of cultivation for its beauty alone. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$2.75.

Golden Queen—This is a very beautiful and very large variety. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.



PUMPKINS.

German—Kürbis. French—Courge. Spanish—Calabaza.

PUMPKINS are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner though on a larger scale. They are generally raised in fields of corn and potatoes, and may be planted with success in fields by themselves, in May or early June, in hills eight feet apart each way. **One ounce for 15 hills; one pound for an acre.**

Genuine Mammoth or True Potiron—(See Cut)—Also called King of Mammoths, Large Yellow Mammoth, Mammoth \$50 Pumpkin, Jumbo Pumpkin. Form like an immense Nutmeg Melon with depressed ends, slightly ribbed and grows to immense size, three feet or more in diameter. Skin salmon-colored; flesh bright yellow; fine grained; good quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Large Common Yellow Field ("Yankee Cow Pumpkin")—Easily grown alone or in the corn; *hardest of all pumpkins*. Good for pies; splendid stock pumpkin. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 40c.

Tennessee Sweet Potato—Excellent for pies; pear shaped; medium size; flesh and skin creamy white; fine grained; sweet and delicious; first-rate keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Large Sweet or Pie—Not so flat as Cheese, larger, very heavy, thick meat and sweet. More generally grown in Ohio than any other, both for feeding stock and table use. Skin dark orange, sometimes mottled with green. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Mammoth Tours—A productive French variety, growing to an immense size, often weighing over 100 pounds. Grown for cattle and table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Black Sugar (Negro, or Nantucket Pie)—A good "Pumpkin Pie" pumpkin. Oblong in shape with ten or twelve prominent ridges from stem to blossom end; skin very dark green, almost black; flesh orange color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Mammoth Etampes Bright Red—This giant variety grows to enormous size; a bright glossy red color; splendid to grow for stock and exhibition purposes. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Small Sugar—Very prolific; eight inches in diameter; deep orange-yellow; fine grained; keeps well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Large Sweet Cheese—Fine for pies; productive; flesh yellow; sweet; keeps well into winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Golden Oblong—(See Cut)—Outer color a rich golden-orange; almost as good a keeper for winter as the hard-shell squashes; the fruit, when young, is dark green and changes to a rich golden-yellow; flesh yellow, very rich, and fine quality; pronounced by lovers of pumpkin pies *the very best*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

Japanese Pie—Crook-necked variety with extremely small seed cavity; nearly all solid meat; quality extra fine. Seeds distinct in appearance, being curiously sculptured in the manner of Chinese letters. Productive; ripens early; medium size; good keeper. Easily cut and dried like apples, and makes excellent pies or sauce for winter use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PARSNIP.

German—Pastinake.
French—Panais.
Spanish—Pastinaca.

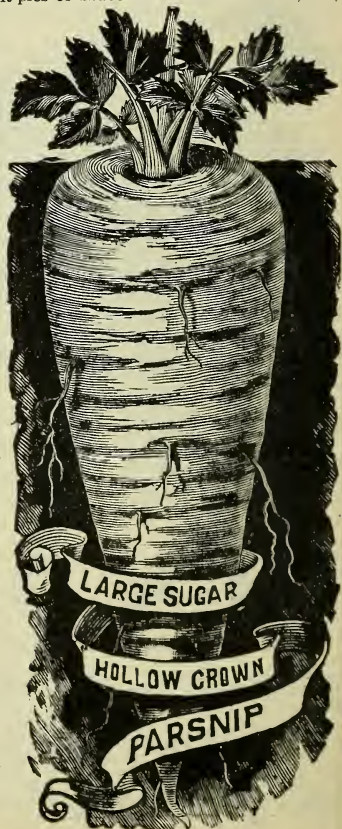
Sow as early in the spring as the weather will admit, in drills fifteen inches apart and half an inch deep, in rich, well manured ground, well dug. Cultivate similar to Carrots, and thin out to six inches apart in the rows. The roots improve by leaving in the ground over winter, securing enough in pits or the cellar for immediate use. **One ounce to 200 feet of drill, five or six pounds for an acre.**

LARGE SUGAR OR HOLLOW CROWN—(Improved Guernsey)—The best variety in cultivation for general use; roots intermediate in length, white, smooth, sugary, of excellent flavor; easily harvested. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Zimper's Long White—The handsomest long white sweet Parsnip on the market. Very smooth and attractive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Long White Dutch—Roots very long and smooth; hardy and keeps through winter without protection. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

Maltese Half-Long—Shorter than Hollow Crown; better for shallow ground. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



PARSLEY.

German—Petersilie. **PARSLEY**
French—Persil. is used for sea-
Spanish—Pergül. soning s o u p s ,

meats, etc., for salads and garnishing, also for an ornamental border for the flower garden; it succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in the spring in rows one foot apart; sow thick and cover half an inch deep; finally thin to five or six inches in the rows or transplant and cut back frequently. For winter use protect in a frame or light cellar. **One ounce for 150 feet of drill.**

Fine Double Curled—A fine dwarf variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Champion Moss Curled—Very beautifully crimped and curled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

Plain—The leaves are plain; it is harder than the curled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Extra Curled Emerald—Distinct from other varieties, being a lighter shade of green. The plant is dwarf, with leaves finely cut and curled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

Fern Leaved—Very beautiful; more like crested fern or moss than Parsley; grand for table decoration. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

Hamburg, or Turnip-Rooted—A fleshy rooted kind; the roots are used for flavoring soups. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

GARDEN PEAS

NEW JUNO PEA

German—*Erbse*.
French—*Pois*.
Spanish—*Guisante*.

Peas mature earlier in a light, rich soil; for a general crop, a rich, deep loam, or inclining to clay, would be best. They thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires manuring, use well rotted manure; for the dwarf varieties you can hardly make the soil too rich. When grown for a market crop they are never staked, but are sown in single rows one inch apart and three inches deep, the rows from three to four feet apart according to variety or soil. When grown in gardens they are sown in double rows, six or eight inches apart, the tall ones requiring brush, which is stuck in between the rows. Commence sowing early varieties as early as the ground can be worked in the spring, and continue for a succession every two weeks up to June, discontinuing until the middle of August, when a good crop can be secured by sowing the extra early and early sorts. They should be kept clean with the cultivator or hoe, and earthed up twice during growth. Wrinkled varieties are not as hardy as the small, hard sorts, and if planted early should have dry soil or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. **One quart sows 80 feet of drill. Two to three bushels to the acre.**

New Juno—One of the best wrinkled Peas of its class, to-day. It has a stout, robust vine and **straight**, heavy, square pods, usually borne in pairs. The pods are very thick, broad-backed and filled from the stem to the tips with seven to nine sweet, delicious, **dark green** peas of immense size; height two feet, season from medium early to main crop; a little later than the Heroine. It is bound to become a standard variety. Pkt., 10c.; $\frac{1}{2}$ pint, 15c.; pint, 25c.; qt., 50c.; pk., \$2.00; bus., \$7.50.

Pride of the Market—Has a stiff vine of medium height, bearing at the top, generally in pairs, a good crop of dark green pods well filled with large peas of good flavor; season *medium*. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.00.

Stratagem—Half dwarf; green wrinkled; vigorous, branching habit; under favorable conditions an enormous cropper. Pods long, filled with from seven to nine *extra large* peas; season *medium late*. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.00.

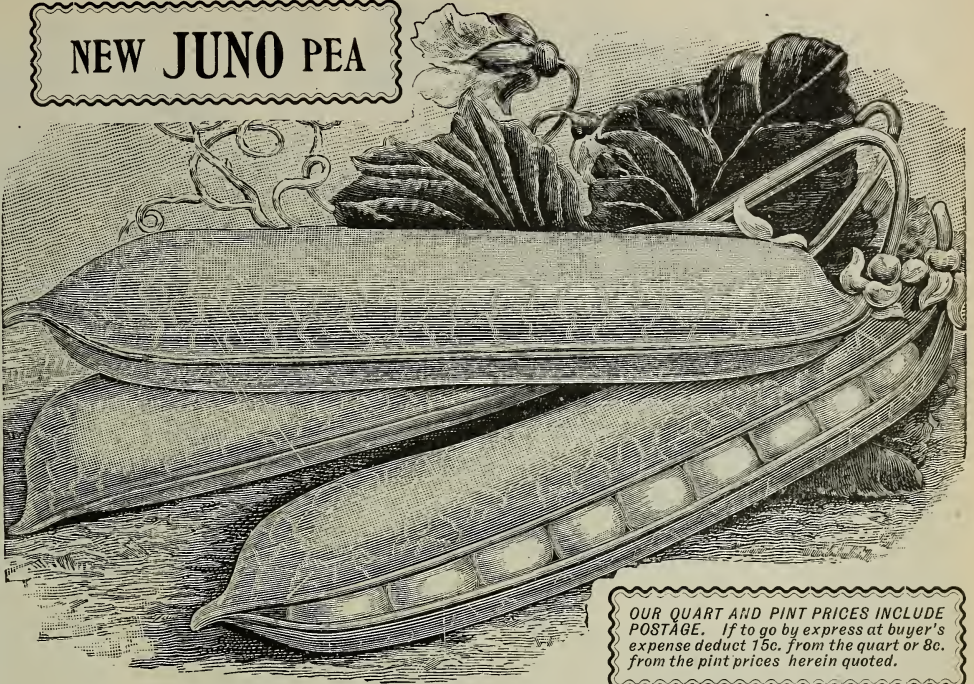
Telegraph—(Long Island Mammoth)—A strong grower, producing large pods, filled with big peas, which, when cooked, are of a deep green color, and of very fine flavor. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.50; bus., \$5.00.

Sanders' Marrow—A tall, late and immense cropping variety. The pods are produced in pairs, and are well filled with large, wrinkled peas; *the largest of any*; quality sweet and delicious. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.60; bus., \$6.00.

Duke of Albany—One of the very largest and best grown. Handsome, large, well filled pods, borne in great profusion. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.75; bus., \$6.50.

New Paragon—This Pea is from one of the largest pea growers in America. In height about three feet; double podded; medium late; long, straight pods, well filled with large peas; has a stubbed, stocky vine, with luxuriant foliage; pods light green; quality superb, not excelled by any pea, and a large producer. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.50.

Abundance—A second early. Half dwarf, 15 to 18 inches high; pods large, containing six to eight wrinkled peas of excellent quality. Sow seed thin, six inches is the proper distance, as it has a remarkable tendency to branch. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.20; bus., \$4.25.



OUR QUART AND PINT PRICES INCLUDE POSTAGE. If to go by express at buyer's expense deduct 15c. from the quart or 8c. from the pint prices herein quoted.

WILLIAM HURST. It is one of the hardiest, most prolific, and best varieties of first early wrinkled Peas we have ever seen; it is ready for the table as early as the *American Wonder*, and is *much more productive*; it comes very near being a "one-picking variety." Of handsome dwarf growth; the vines are eight to ten inches high, stocky, with abundant foliage, of a rich, dark green color, and very prolific. The scimitar-shaped pods average three inches long, and are well filled with large peas, each pod containing six to eight, so closely packed that the Peas are flattened against each other. Quality the *very best*; rich, sugary and delicious in flavor. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.60; bus., \$6.00.



W. M. HURST

NOTT'S EXCELSIOR PEAS

SEE NOVELTY LIST.

PEAS



LIVINGSTON'S
FIRST IN MARKET PEAS.



Livingston's First In Market—Several years ago, when we introduced this variety, the name was chosen because it was an appropriate one for this, the earliest of all the very early peas. It means first peas in market and first money to everyone who grows from this stock for market purposes. It is very profitable for the gardener and shipper because it is very early, ripens uniformly, so that all the pods may be picked within seven weeks from the time of planting, and that at one picking. No brush or other support is required, as they seldom, under any circumstances, grow to exceed 20 inches in height. The pods are handsome, straight and full of medium sized round peas of first-rate quality, and it is immensely productive for so early a variety. We have been carefully looking into the real early pea subject and testing the various "strains" and "brands" on the market for years, until we are convinced, as well as our customers who have given them a trial, that **First In Market** leads all. Our grower, who is a pea expert, is located as far north as the pea can be grown to perfection. The climate of that latitude, we find, forces a quick, vigorous growth of pod and no useless foliage, and gives the stock decided advantage over that grown in the large pea-growing sections further south. **By Mail (postpaid)**—Pkt., 10c; pt., 20c; qt., 40c.; 2 qts., 75c. **By Express or Freight (not paid)**—½ pk., 75c.; pk., \$1.25; bus., \$4.50.

AMERICAN WONDER PEAS. This variety leads all dwarfs in point of earliness, productiveness, flavor and quality, and is the earliest large green wrinkled pea in cultivation. Of dwarf and robust habit, growing about ten inches high, and produces a profusion of good-sized, well-filled pods fairly packed with the finest flavored Peas. Ours is the **True Blue Stock** and will please the most critical. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.50.

McLean's Little Gem—A gem indeed. Dwarf green wrinkled variety, twelve to fourteen inches high; prolific; very superior flavor. Pkt.,

10c.; pt., 25c.; qt., 40c.; pk., \$1.40; bus., \$4.50.

American Champion—A Magnificent Pea and one of the largest of all; enormously productive, and its flavor and quality closely approaching that of the well-known Champion of England. The pods are extremely large, produced in pairs, and are well filled; each pod contains from nine to twelve large, fine peas. A tall growing sort of branching habit, and should be planted thin. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

Champion of England—A universal favorite and admitted to be one of the best peas grown; delicious flavor, profuse bearer of large pods filled well with large, green wrinkled peas; height about four feet. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.50.

First and Best—Very early; productive; pods ripen all at same time. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.10; bus., \$4.00.

Fillbasket—This variety is one of the best second-early peas in cultivation; dwarf growing and of excellent flavor. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

Extra Early Premium Gem—Very fine dwarf Pea of Little Gem type, on which it is a decided improvement; larger pods and more productive. Profitable early wrinkled Pea for market gardeners, and for family use there is none better. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.40; bus., \$4.75.

Dwarf Tom Thumb—Vines dwarf, about nine inches tall, and maturing about the time of American Wonder; can be planted very close. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.40; bus., \$4.75.

Blue Beauty—Its distinctive feature is its unusually regular habit of growth. Height, 134 feet. It is a blue round Pea, and is nearly as early as American Wonder. Pods of good size, borne in great profusion, and well filled. In quality and flavor cannot be surpassed. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bus., \$4.00.

Alaska—This beautiful blue market pea has become a standard variety, and is the earliest of all blue peas; twenty inches high; very uniform, maturing the crop for one picking; of excellent quality, and retaining its desirable color after cooking. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.25; bus., \$4.25.

McLean's Advancer—About the best second early on the list. A green, wrinkled variety, about 2½ feet high; long pods, abundantly produced and well filled to the end. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.20; bus., \$4.00.

FIELD PEAS.

Used for Field Culture Only—By Express or Freight—Bushel, \$2.00; peck, 60c. By Mail (postpaid), quart, 30c.; pint, 20c.; packet, 5c. Special prices on any quantity over a bushel. The market is subject to fluctuation, and we prefer to quote rather than make a fixed price.

EDIBLE PODDED SORTS.

All edible podded varieties are used either shelled or cooked in the pods like string beans, and, when young, are very tender and sweet.

Melting Sugar—This new variety is ahead of all other Sugar Peas, not only in the size of pod and prolific bearing, but also for its delicious flavor. It grows to the height of five feet, bears a profusion of very large, broad, handsome, light green (nearly white) pods which are generally found in pairs and are so brittle that they snap without any strings. Sweet and tender; cooked like wax beans. Pkt., 10c.; pt., 35c.; qt., 60c.; pk., \$1.75; bus., \$6.00.

Dwarf Sugar (Gray Seeded)—Grows about two feet high; productive; seeds large and shriveled; pods broad, flat, crooked, and contain five or six peas. Pkt., 5c.; pt., 20c.; qt., 40c.

Tall Sugar—Tall; productive. Pkt., 5c.; pt., 20c.; qt., 35c.



Shropshire Hero.

SHROPSHIRE HERO—Pronounced by all market gardeners who have tested it, the most valuable new pea of recent years. It is a *second-early large wrinkled pea*, a robust grower like *Stratagem*, two to three feet in height, producing its large pods in abundance. The pods are larger and better filled than *Telephone* and others of its class, averages seven and often contains eight or ten fine large peas of exquisite flavor. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

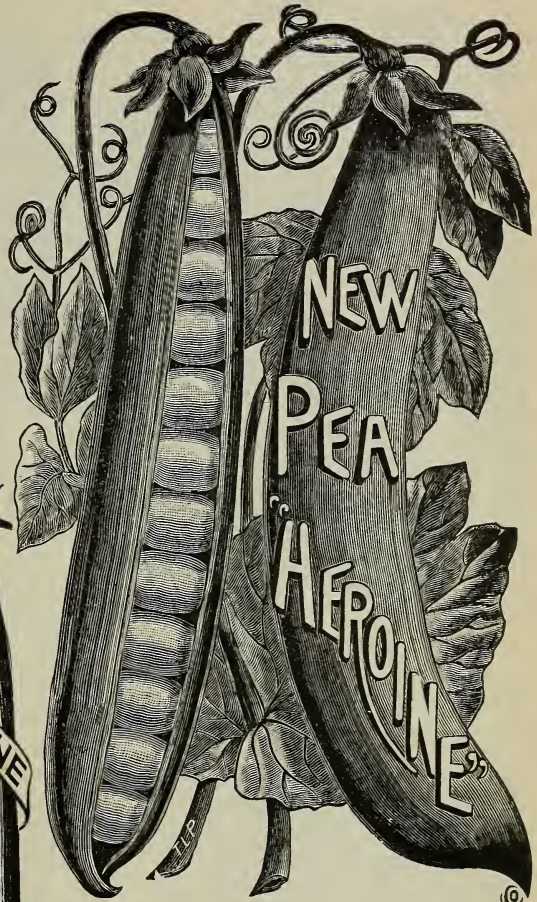
Everbearing—A variety maturing soon after the Gem, and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at the top six to ten broad pods. Peas wrinkled, large, cook quickly, and very tender; superior flavor, though not so sweet as some. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.20; bus., \$4.00.

Horsford's Market Garden—Wrinkled variety coming in between Little Gem and Advancer. Vines two feet high and very regular. *Most prolific bearer, out-yielding all* for height of vine; pods medium size, numerous and well filled with peas of finest flavor. Fast coming into general favor on account of its productiveness and general good qualities. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.20; bus., \$4.25.

White Marrowfat—One of the oldest varieties in cultivation, and a favorite market sort; about four feet high, and well filled with very large pods. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bus., \$2.50.

Black-Eyed Marrowfat—Similar to White Marrowfat in all points except it has a dark eye. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bus., \$2.50.

Telephone—Season midway between First in Market and White Marrowfat. Green wrinkled; height 3 $\frac{1}{2}$ feet; productive; pods unusually large, elegant shape, slightly curved, and well filled with peas of large size and good quality. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.50; bus., \$5.50.



HEROINE—Is a medium early green wrinkled pea and grows uniformly 2 to 2 $\frac{1}{2}$ feet high, comes in between Advancer and Champion of England, and bears a profusion of large, long, slightly curved pointed pods; contains from nine to ten large peas of finest quality. Destined to eclipse Stratagem and Pride of the Market for market purposes, and being nearly as early as the Advancer, will also be more desirable than that well-known variety. An immense cropper, yields double the quantity ordinary varieties do. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$1.75; bus., \$6.50.

We can supply the following well-known varieties at the uniform price of 10c. per packet, 25c. per pint, 45c. per quart: Blue Peter, Blue Imperial, Yorkshire Hero, Forty-Fold, Dan 'O'Rourke, Laxton's Alpha, Landreth's Extra Early, Kentish Invicta. PRICES BY THE BUSHEL, Etc., ON APPLICATION.

RHUBARB.

German—*Rhubarber*.
French—*Rhubarbe*.
Spanish—*Rubarbo Bastardo*.

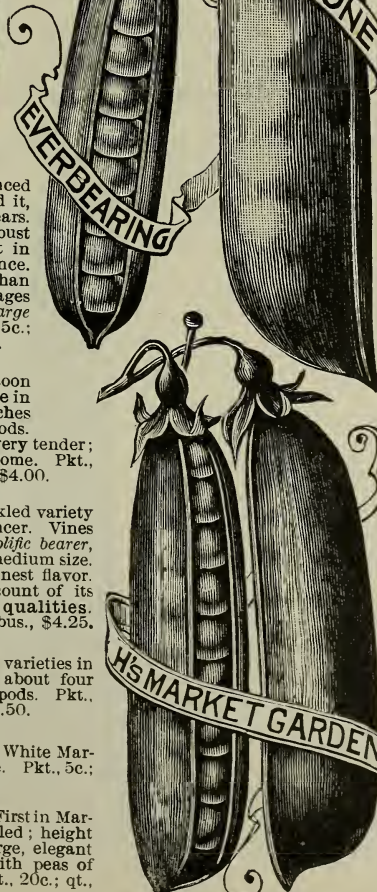
Pie Plant—Wine Plant—A deep, rich, soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following transplant, allowing each plant at least two feet square; each fall mulch with manure. One ounce makes about 600 plants.

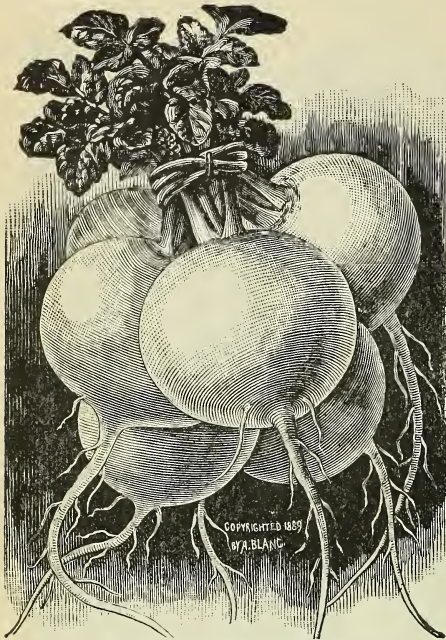
Victoria—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Linnaeus—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

RHUBARB ROOTS.

By Mail (postpaid), each 25c.; 4 for 75c.; 6 for \$1.00. By Express (not paid), each 10c.; doz., \$1.00. Special Prices in Quantity on Application.





Philadelphia White Box Radish.

Philadelphia White Box—Its points of superiority are short top, rapid growth, perfect turnip shape, extra fine quality, and showing but little disposition to become pithy, but remaining solid and juicy for some time after fully grown; especially fitted for growing under glass, in frames or "boxes," hence its name. Owing to its very few leaves it can be sown thickly. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



Early Scarlet Globe Radish.



Cut showing some of the Radishes that grow from a package of Livingston's Mixture.

RADISH.

German—*Rettig*. All the varieties thrive best in light, sandy loam. For early use sow in hot-Spanish—*Rabano*. bed in February, giving plenty of venti-lation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp, mild and tender. One ounce for 100 feet of drill, 8 to 10 lbs. for an acre.

Cincinnati Market Radish—See Novelty List.

Early Scarlet Globe—One of the earliest and best sorts for forcing; its color very handsome; flavor mild; crisp and juicy; stands a great amount of heat without becoming pithy; good for garden culture. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

LIVINGSTON'S RADISH MIXTURE—This is a mixture of over twenty choice varieties of early, medium and late radishes. You will certainly have radishes all summer, and be surprised at the results, if you give it a good place in the garden. For several years we have sent out large quantities of this mixture and the unanimous reports have been "Happily Surprised." Large pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

Early Round Dark Red—The shape is the same as Early Scarlet Turnip, differs only in skin being darker, and making smaller tops. Largely used for forcing around New York City. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

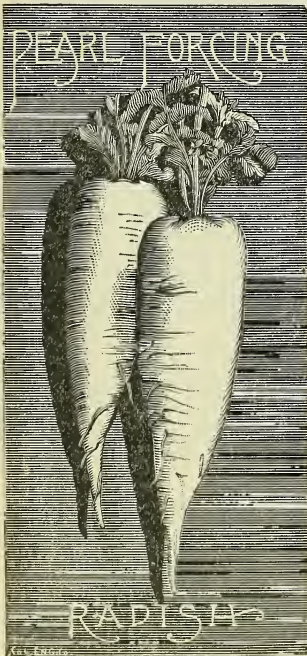
Rosy Gem—One of the earliest; perfectly globular; color rich, deep scarlet at the top, blending into pure white at the bottom; exceedingly tender, crisp, delicious; desirable for the market or home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

Giant White Stuttgart—A favorite German radish; grows quick, of large size, often four inches across, in shape like a large top; flesh and skin white; fine quality; firm and brittle; never pithy; can be stored for winter. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Yellow Summer Turnip—Grows to perfection in hottest weather. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Gray Summer Turnip—An excellent sort for summer. A heat resister. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Non Plus Ultra—(Deep Scarlet Forcing Turnip)—By far the smallest topped and earliest forcing radish in cultivation. Roots small, round, deep rich scarlet; crisp, tender, white flesh. Matures in 18 to 20 days. Small tops. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.



New Golden Dresden—See Novelty List.

Livingston's Pearl Forcing—This new sort, introduced by us in the spring of 1891, is a cross between Wood's Early Frame and White Strasburg. A most distinguishing characteristic is its rich, waxy appearance. The shape is one long sought for, and the most advantageous for bunching, being what might be called half stump rooted. The color is pearl white with the waxy appearance above described, and the texture is very firm and solid. It is about one week later than Wood's Early Frame, but after they are ready for marketing they remain in eatable condition fully two weeks longer, before they show signs of going to seed, and do not become woody. Do not bear quite so close planting as Wood's Early Frame, but their long standing after being ready for market, without running to seed or becoming woody or unfit for table use, more than makes up for wide planting. If grown properly they have a smaller top in forcing than when grown in the open field. All things considered, we pronounce it absolutely the very best general purpose White Market Radish in existence. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.90.

Brightest Long Scarlet—"Cardinal White Tipped."—Handsome long radish grown. A new sort of great merit; resembles Early Long Scarlet in shape and size. Extraordinarily early, being fit for use in 24 days after sowing. The most remarkable quality is its color—brightest scarlet we have ever seen in a radish—tips white; rapid seller on market; extra fine for home garden; good quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

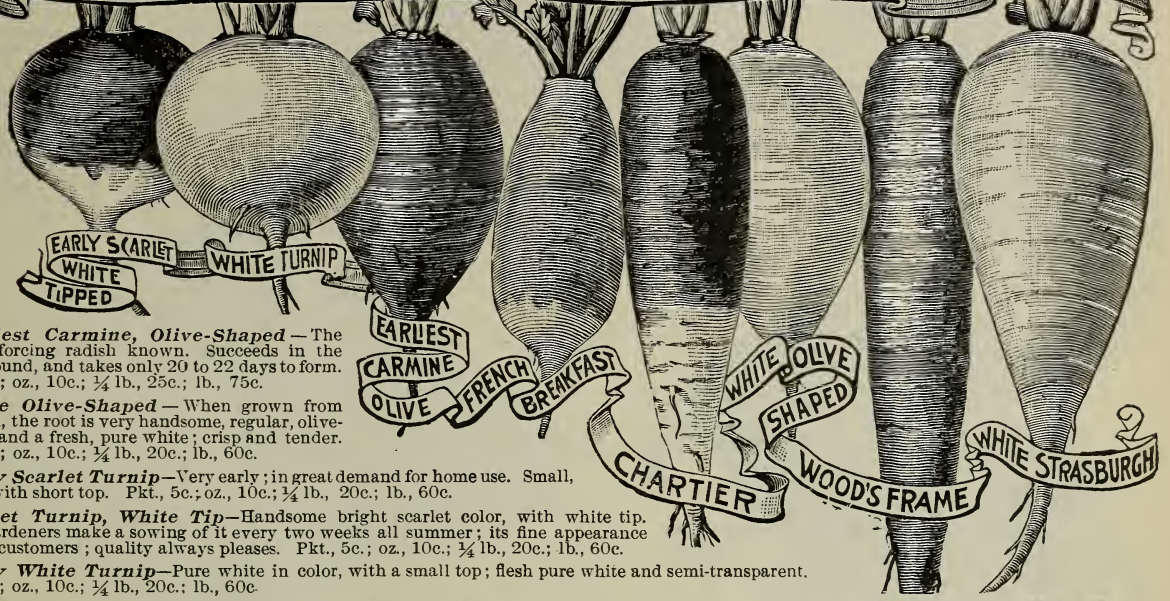
Half Long Deep Scarlet—An extra early radish; very popular. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early Fire Ball—Pretty little fire-red round radish; small tap-root; small top; preferred by many for early forcing; resembles Non Plus Ultra. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Golden Globe—Perfect globe shape and golden colored skin; quick growth; tender and brittle. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



RADISHES FOR ALL THE YEAR ROUND



Earliest Carmine, Olive-Shaped—The earliest forcing radish known. Succeeds in the open ground, and takes only 20 to 22 days to form. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

White Olive-Shaped—When grown from true seed, the root is very handsome, regular, olive-shaped, and a fresh, pure white; crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Early Scarlet Turnip—Very early; in great demand for home use. Small, round, with short top. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Scarlet Turnip, White Tip—Handsome bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks all summer; its fine appearance attracts customers; quality always pleases. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Early White Turnip—Pure white in color, with a small top; flesh pure white and semi-transparent. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Large White Summer Turnip—The market gardeners' favorite. Round, smooth, and very white; very crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

French Breakfast—A variety of quick growth. Very mild and tender; one of the best for forcing; oval form, scarlet, tipped with white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Improved Chartier—(Scarlet, White Tip)—A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet-rose, shading into pure waxy-white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best All Seasons radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

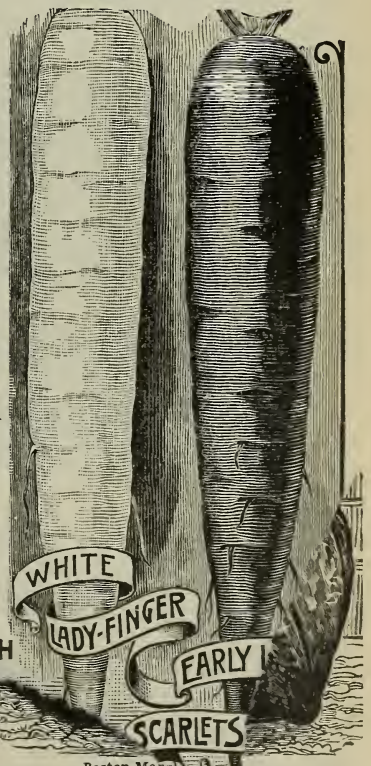
Chartier Long White—(Nonpareil)—Derived from the preceding, and in all respects similar, only that the color is pure white. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.10.

Wood's Early Frame—Ten days earlier than the Long Scarlet, which it resembles; an excellent variety for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

White Strasburgh—The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white; the flesh is firm, brittle and tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Early Long Scarlet Short Top—An admirable sort for forcing; also the leading out-door quick-growing variety, both for private and market gardens the country over; grown in rich, light soil, its average length is about eight inches; grows half out of the ground, straight, uniform in color, brittle and crisp; small tops; bright scarlet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

White Lady Finger—(Long White Vienna)—Finest Long White Radish in cultivation. Beautiful shape; skin and flesh pure white; crisp; rapid grower. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



WINTER VARIETIES.

Sown in summer and used in the fall, or put away same as turnips. For winter use store in the cellar, or in pits with turnips.

White Chinese—(New Celestial)—A mammoth radish with white skin and flesh. Can be sown from July 1st to August 15th and will keep all winter in prime condition. Mild in flavor, brittle and never woody like some winter varieties. Market Gardeners will find this a splendid seller and those who secure it first will make the money out of it. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Chinese Rose—(Scarlet China)—A bright rose-colored winter variety, of excellent quality; certainly one of the best, and would be grown generally by radish growers if better known. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

California Mammoth White—Grown extensively by Chinese in California; 8 to 12 inches long, 2 to 3 inches in diameter; white; solid; good flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Long Black Spanish—Grows six to eight inches long, and about one and one-half inches through at the top; skin black; flesh white and of firm texture. Pkt., 5c., oz., 10c.; ¼ lb., 25c.; lb., 75c.

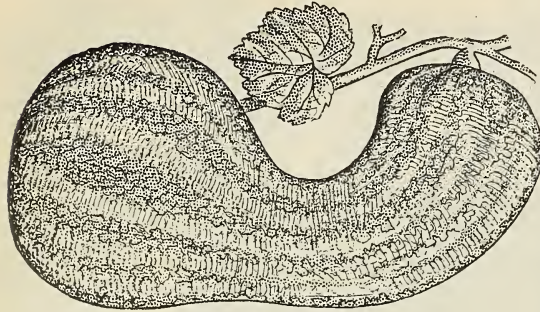
Round Black Spanish—Like the above except in shape. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

SPECIAL Prices Given on Larger Quantities of RADISH SEED.



Boston Mar 1895
February 22, 1895: "I have had your seeds a good long time and they have always given good satisfaction. Have tried a number of others but I prefer yours to any I have tried." M. A. M.

SQUASHES.



Livingston's Improved Cushaw.

Plant after all danger from frost is past, and get in the winter kinds as soon as possible, in order that they may mature. Plant in hills five feet apart for bush varieties, and six or eight feet for running varieties, putting six or eight seeds to the hill, finally leaving but three plants.

One ounce of the Bush varieties for 40 hills, or of large-seeded kinds, 15 hills; two to three pounds of the Bush, and three to four pounds of the large-seeded, for an acre.

Livingston's Improved Cushaw—This is the genuine Cushaw of "ye olden time," and is a great favorite where known. It is very beautiful in appearance, being a distinct mottled green and white striped. The flesh is a rich yellow, solid, fine grained, very sweet, and excellent for pies; also good for baking. In weight they average about 15 lbs., but on good rich soil 30-lb. specimens are common, and even 35 and 40 pounders are found. They are hardy, and bugs seldom bother them, especially when other varieties are near. Can be grown among corn, same as pumpkins, and yield a good crop, but the better way is to grow them separately on good, rich soil, in hills 10 to 15 feet apart each way. This variety sells well on market and should be in the hands of every market gardener. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

White Bush Scallop—"Patty Pan," "Cymbing"—The well-known summer squash; very productive; pure white; to be used when young and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Mammoth White Bush Scallop—An excellent large strain, earlier than the common stock, creamy white and average double in size; a prolific bearer; a splendid variety for market, and the best of all for Southern shippers. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Extra Large Golden Bush Scallop—Decidedly the best strain of yellow scallop. It has been selected and grown for years until it has doubled in size, and at the same time lost none of the other good points, such as earliness, quality and productiveness. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Perfect Gem—Excellent, both as a summer and winter squash; bears a great number of small squashes; nearly round; slightly ribbed; skin smooth; creamy white; fine grained; excellent flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Giant Bush Summer Crookneck—A beautiful bright yellow, larger than the ordinary Summer Crookneck, more warty, and several days earlier; bears all summer, and commands good prices; very desirable for market or private gardens. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

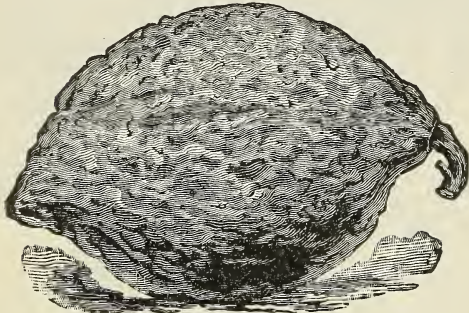
Colvin's Orange Marrow—The skin has the appearance of a rough, dark-colored orange. In flavor it is fully up to the Hubbard. Quality excellent when mature. It is ready for market very early, and if the early squashes are picked the vines keep bearing until frost. Well ripened squashes weighing fifteen pounds have been grown in eight weeks. It is a good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.

Der Wing—A Chinese squash, and very distinct from any other. It has rather a hard and thick shell, which is almost covered with warts; the color of the flesh is yellow; moderately thick, and very sweet when cooked. Very productive and a good winter keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

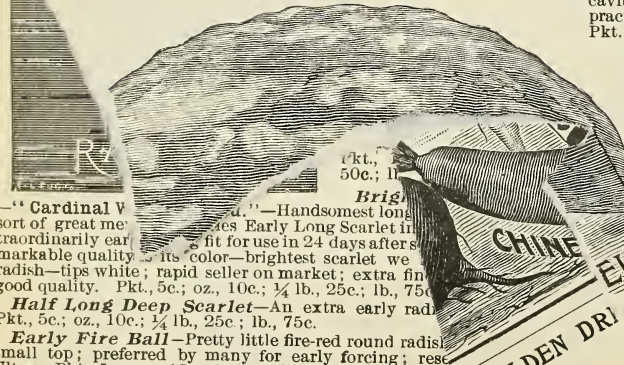
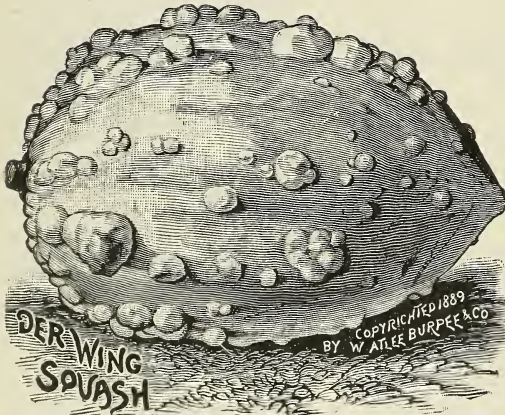
Marblehead—Resembles the Hubbard, but it is a little more elongated, and has an attractive light blue shell. Its sweet, dry and delicious flavor is remarkable. Yields and keeps equal to the Hubbard. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

NEW EUREKA—A First-class Farmer's Squash, profitable to grow for feed as well as for market purposes. The flesh is very thick and fine grained, and whether baked, steamed or boiled is of fine quality. The outside color is an attractive light grayish green. Its rough and uneven surface indicates its good qualities for the table. Weighs from twenty to twenty-five pounds, wonderfully prolific, a vigorous vine, producing two and three large sized fruits at consecutive joints. When well matured its shell becomes quite hard, but not enough so that stock cannot readily eat them. This feature, with its thick, rich, salmon-colored flesh, and prolificness, makes it specially desirable for feeding, at the same time being a most excellent table variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

Faxon—The characteristics of this new Squash are superb quality, earliness, long keeping, variety of colors, shapes and sizes, superiority in sweetness and richness of flavor, without regard to size. In color it differs from all other squashes. When ripe some are pale yellow with paler yellow stripes in hollows; others are green mottled. The flesh is deep orange yellow; has very small seed cavity. While uncooked it seems to have a hard shell, but after cooking there is practically none. It is sweet and very dry, and nothing excels it for squash pies. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80.



Colvin's Orange Marrow Squash.



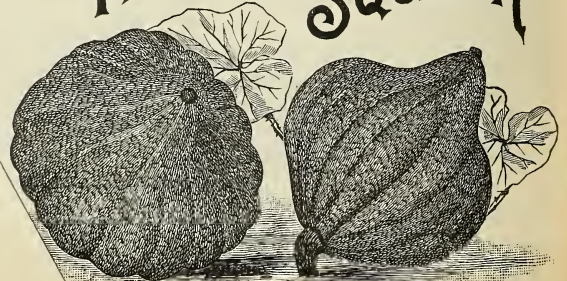
Cardinal—Handsomest long... Early Long Scarlet... fit for use in 24 days after sowing... its color—brightest scarlet we... rapid seller on market; extra fine... Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Half Long Deep Scarlet—An extra early rad... Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early Fire Ball—Pretty little fire-red round radish... preferred by many for early forcing; res... Ultra. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Golden Globe—Perfect globe shape and golden color... growth; tender and brittle. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.

THE FAXON SQUASH



LIVINGSTON'S PIE SQUASH.

Introduced to the public by us six years ago as "Pie Squash." Some seedsmen insist on renaming this variety, calling it "Pie Pumpkin," etc., after it has been known for years as "Pie Squash." These same seedsmen know that the Pumpkins and Squashes of to-day cannot be separated into two classes. We have always called it a Squash, inasmuch as the family from whom we first obtained our seed had always been in the habit of speaking of it as such. Whether Squash or Pumpkin, one thing is sure, it is far in advance of any Pumpkin in quality. The skin is similar to that of the golden russet apple. The flesh is yellow and very thick, making them appear almost solid. It is early, surprisingly productive and a willing and hardy grower. All in all, we call it the grandest thing out for pies. Its size and attractive appearance make it a ready seller on market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Mr. H. N. Smith, South Sunbury, Mass., writes: "I find the New Pie Squash to be a very early sort and of excellent quality for pies."



Livingston's "Pie Squash."

Generally considered the best Winter Squash grown; flesh dark yellow, fine grained, dry and sweet (many say: "Good as sweet potatoes"). It boils and bakes dry, and if plenty of milk is added it will make an excellent pie. It has a very hard shell, is very productive and will keep perfectly until spring. We offer a very carefully grown stock. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

TRUE HUBBARD.



A True Hubbard.

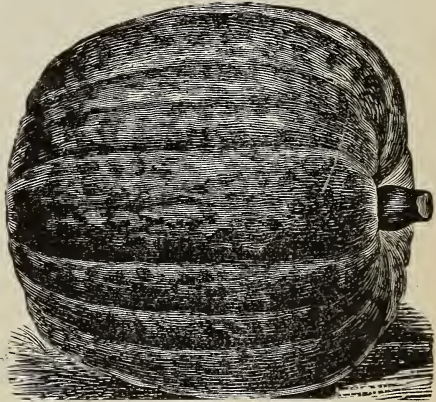
are excellent keepers. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Mammoth Chili—True Stock ("Jumbo")—Largest of all squashes. The outer color is a rich orange yellow; skin smooth; flesh is very thick, bright yellow, keeps well throughout the entire winter and spring; it is very productive, of fine shape and fair quality, and profitable for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.00.

Essex Hybrid—Ripens early; one of the finest grained, richest flavored, most prolific and sweetest of the squash family, and keeps till the following June. Flesh very rich orange color, dry and solid. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

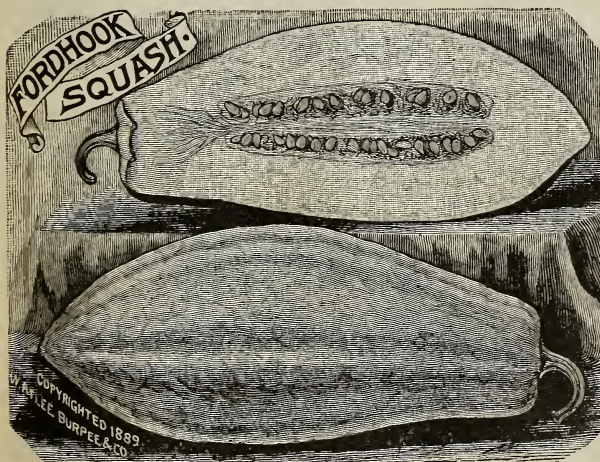
Fordhook—Of convenient size for family use. The flesh is dry and sweet, and seems incapable of rotting; if placed in a cool dry room, keeps in perfect condition throughout the winter and spring, until late in June. The thin, hard stem and roots, which are slim and hard, furnish absolutely no food for the squash borer. Maturing early it is a sure cropper and immensely productive. Skin thin and meat thick; seed cavity small. May be used at any stage of growth. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Pike's Peak or Sibley—Shell smooth, thin and of a pale green color; the flesh is thick, solid, deep orange color, very dry, fine grain and delicate flavor. Weighs from nine to eleven pounds, and

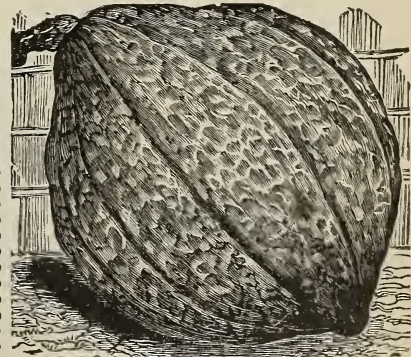


True Mammoth Chi Squash.

Boston Marrow—A popular fall and winter variety. A thin, bright orange skin; the flesh is a rich salmon yellow, fine grained, sweet and dry; very prolific; splendid pie and table squash; finds ready sale. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



We can supply the well-known Canada Winter Crookneck, Brazil Sugar, Pine Apple or White Turban, American Turban, Coconut, Early Prolific Marrow and Bay State. Each pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



Boston Marrow Squash.

White Stone, Tenn., February 22, 1895: "I place with you my sixth order; can say with pleasure that for the past six years have found you perfectly reliable and trustworthy." S. T. B.

Knoxdale, Penn., February 22, 1895: "I have had your seeds a good many years and they have always given good satisfaction. Have tried a number of others but prefer yours to any I have tried." M. A. M.

CHICAGO WARTY HUBBARD SQUASH, SEE NOVELTY PAGES

SPINACH.



Round Summer Spinach.

One ounce for 100 feet of drill; 10 pounds for an acre in drills.

Round Summer—A standard sort with all Market Gardeners for early spring sowing; it stands the winter well, but is not quite so hardy as the prickly; the leaves are large, thick and fleshy. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Prickly Seeded—The hardiest of all, therefore the best where the winters are severe. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Improved Thick Leaf—(Viroflay)—A decided improvement on Round Summer. Has very large, thick leaves of great substance. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Curled Leaved Savoy—(Norfolk, Bloomsdale)—The earliest variety; of upright growth; fine, large, tender savoyed leaves. Grows quick but will not stand long. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

New Zealand—Withstands heat and drouth and produces leaves in great abundance throughout the summer in the hottest climates, and where ordinary Spinach will not do well; should be started in heat and transplanted three feet apart each way, into light, rich soil. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

Long Standing—This is an improved strain; later in going to seed than any other; especially desirable for Market Gardeners. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

SPECIAL PRICES ON SPINACH in any Quantity on Application.

TURNIP.

For the spring crop sow White Model, the Extra Early Milan or the Early Flat Dutch in 14-inch drills and thin to six inches. For the fall and main crop from the middle of July to the last of August, in drills or broadcast, though much larger crops are obtained by drill culture. Land newly cleared, or old pasture ground well manured with thoroughly rotted manure or other good fertilizer at time of sowing, will produce the best and sweetest Turnips. Always sow just before a rain if possible. The success of a crop depends upon a quick growth, especially in the start. One pound is sufficient to sow an acre.

Early White Model—(Snowball)—Handsomest and best white turnips for the table. Medium size, round, pure white, and excellent flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

Extra Early Milan—A new, early, very white variety, with purple top and strap leaf; mild and sweet; remains in good condition for a long time. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Early Flat Dutch (or White Top Strap-Leaved)—A standard variety; good size; pure white; small top, with but few leaves; very sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 50c.

Early White Egg—An egg-shaped variety for spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



Yellow Purple Top Ruta Baga.

superior table variety, or for stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

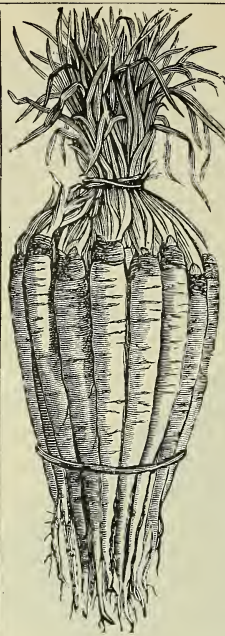
Large White Globe—A large, round, white turnip with firm sweet flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Yellow Stone—One of the best yellow-fleshed varieties for table use, and equally as good for feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Purple Top White Globe—A variety of decided merit. Globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Yellow Globe, or Amber—One of the best for general crop; flesh firm and sweet; grows to a large size; excellent for table use or stock, and keeps well until late in the spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Golden Ball, or Orange Jelly—A rapid grower, of excellent flavor; globe-shaped; bright yellow color; good keeper and a



Oyster Plant.

SALSIFY.

(Vegetable Oyster.)

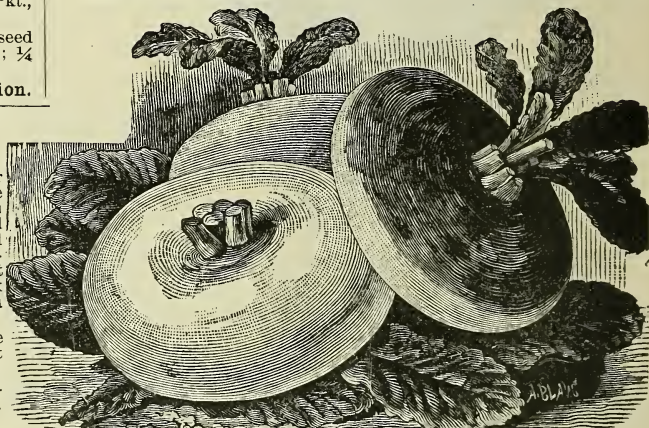
When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. In cooking, the roots are usually boiled, or they can be mashed and made into fritters. It succeeds best in light, well enriched soil. If it is necessary to use manure, it should be very fine and well rotted. Sow early in drills eighteen inches apart, and two inches deep; finally thin to four or five inches apart. The roots are perfectly hardy, and may remain out all winter. They are best after frost has touched them.

One ounce for fifty feet of drill.

Long White—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Mammoth—(Sandwich Island)—Very large and superior variety. Mild and delicately flavored. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.30.

Scorzoner—(Black Salsify)—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



Early White Flat Dutch.

Purple Top Strap Leaf.

Long White, or Cow Horn—Grows very thickly, partly above ground; very productive; flesh white, fine grained, sweet and of excellent quality for family and Market Gardeners' use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Purple Top Strap-Leaved—The well-known popular variety; either for family or market use; large size; white, purple above ground; flesh fine grained. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

RUTA BAGA VARIETIES.

The Ruta Baga varieties should be sown a month earlier than Turnips, as they require longer to mature.

Improved American—(Purple Top)—Very hardy and productive; flesh yellow, sweet and solid; good for stock or table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Skirving's Purple Top—A first-rate variety; grows large, and is a good keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Russian (or Large White Ruta Baga)—Grows very large; excellent for table or stock; flesh firm, white and solid; has a very rich and sweet flavor. The best keeper of any. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Long Island Improved Purple Top—This is undoubtedly the finest variety of Purple-Top Ruta Baga, and is twice the size of ordinary stocks. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



Our Messrs. A. W. and E. S. Livingston selecting Proper Fruit Clusters and Correct Specimens for Seed Stock in a Field of Buckeye State Tomatoes, grown at our Trial Grounds and Seed Farms near this City.

NEW VARIETIES
OUR SPECIALTY.

LIVINGSTON'S TOMATOES.

WITHOUT A
RIVAL.

No establishment in the world makes such a specialty of Tomato Seed growing. From 60,000 to 75,000 bushels are seeded each season.

This "vegetable fruit" has become indispensable to house-keeping in this and many other countries within the past twenty-five years and which we feel, without boasting, is largely due to the excellent qualities of the varieties bearing our name.

The fame of the varieties originating with and introduced by us has extended to every country on the face of the globe where the Tomato can be grown.

Our first Tomato, the "Paragon," was introduced in 1870, after working five years to bring it to a high state of perfection. It was the first and only strictly smooth red tomato ever sent out up to that time, and is as good to-day in our hands as when introduced twenty-five years ago, showing no signs whatever of degenerating. In 1875 the first perfectly smooth purple tomato, the "Acme," was introduced by us. Since that time we have introduced eleven of the best standard and most distinct varieties ever brought before the tomato growers of the world. They were introduced in the following order: "Perfection," in 1880; "Golden Queen," in 1882; "Favorite," in 1883; "Beauty," in 1886; "Potato Leaf," in 1887; "Stone," in 1891; "Royal Red" and "Gold Ball," in 1892; "Buckeye State," "Aristocrat" and "Large Rose Peach," in 1893.

On the following pages will be found descriptions of most of these splendid varieties, together with a list of other deserving sorts.

TOMATO CULTURE.—For very early fruit the seed should be sown in a hot-bed about the first week in March in drills five inches apart and half an inch deep. Later sowings may be made until the last of April. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot and placing in a window in the house. When the plants are three or four inches high they should be set out four or five inches apart, in another hot-bed or cold frame, or removed into small pots allowing a single plant to a pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, and shelter from the sun a few days until the plants are established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings should be very shallow (surface cultivation) or the crop may be badly injured especially if the cultivator is run too near the plants. Tomatoes will admit of training to stakes or trellises of various kinds, and the fruit is very much improved, not only in appearance but in quality. This mode of cultivation is quite common among gardeners who grow for early market. The usual method is to set one strong plant to a stake,

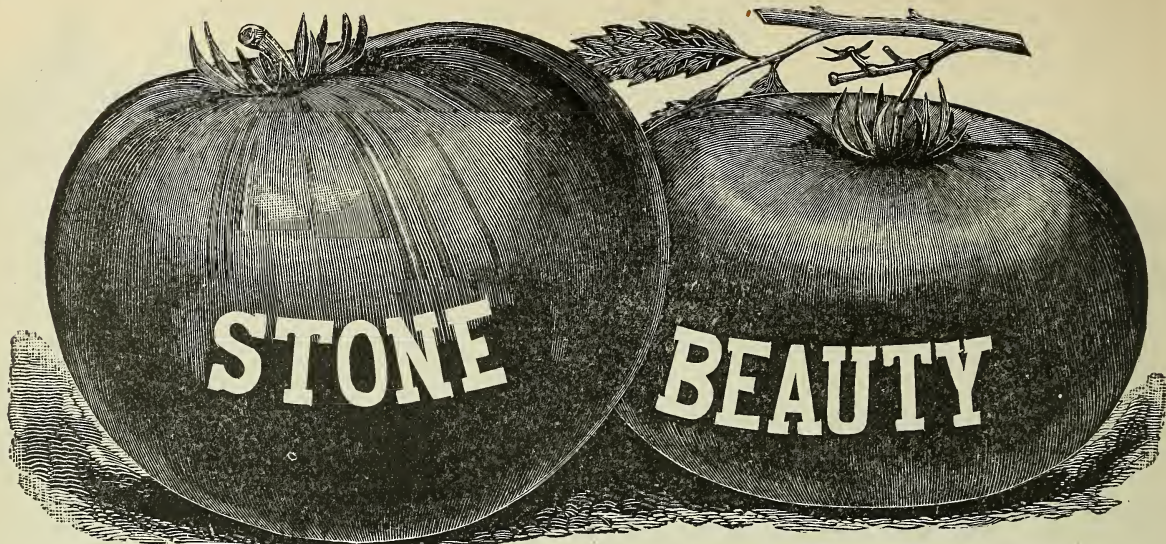
using stakes 5 to 7 feet high, tying the plants up with wool or other strong, soft twine, pruning out quite freely as vines advance in growth. By adopting this method plants may be set much closer than in the ordinary way. For fine, large specimens of high color and attractive appearance generally, grow the clusters of fruit in paper sacks, as is commonly practiced by grape growers. The sacks should be put on when the tomatoes are about three-fourths grown. Some successful growers cut their plants back two or three days before setting in the open field providing they have grown too tall for easy handling. 2,000 plants from one ounce of seed is a safe estimate.



For complete and extensive instructions for Growing, Marketing, Cooking and Other Valuable Information on the Tomato, see our **NEW BOOK**,

"Livingston and the Tomato,"

Offered in the Book Department of this Catalogue.



Packet Prices of Our Varieties

{ Regular Size 10c. each, 3 for 25c.—of one or more kinds.
 { Half Size 5c. each, 6 for 25c.—of one or more kinds.

LIVINGSTON'S STONE—(Introduced by Us in 1891). This variety has obtained great favor with canners, Southern growers and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape, perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding quantities, its unequalled firmness, or some other of its good points.

PRICE (Postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

LIVINGSTON'S EARLY ACME—(Introduced by Us in 1875). The Earliest Real Good Tomato, especially for market gardeners' use. Probably no one variety is so well known and generally cultivated throughout the United States, both for early and main crops. The plants are of strong and vigorous growth, very productive; fruit of medium size, perfect form, round, slightly depressed at the ends, and very smooth (never rough), color, a glossy red, with purplish tinge; ripens all over and through at the same time.

PRICE (Postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S BEAUTY—(Introduced by Us in 1886). A decided favorite for either home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a slight tinge of purple. It grows in clusters of four or five large fruits, retaining its large size late in the season. It ripens with Acme and Perfection and is entirely free from ribbed and elongated fruit. During the past eleven years, under varied circumstances and on different classes of soil, it has showed no signs of rotting. It is very firm fleshed, has a tough skin and but few seeds. It seldom cracks after a rain like many of the tender skinned sorts. For shipping and early market it cannot be excelled, on account of solidity, toughness of skin, and especially its handsome color; can be picked quite green and will look well and ripen up nicely, and keep for a week after it is ripe. Used largely by Florida and other long-distance shippers.

PRICE—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Prof. W. B. Alwood, Agr. Exp. Sta., Blacksburg, Va.: "Your Beauty Tomato was superb as usual and gave us magnificent fruit. We consider it the standard by which comparison of other sorts is made, and are also using it now exclusively for winter forcing."



DRYING A WASHING OF TOMATO SEED AT OUR TOMATO FARM.

Half Size Packets of Our Varieties, 5c. each; 6 Packets for 25c.

LIVINGSTON'S DWARF ARISTOCRAT—(Introduced by us in 1893). This fine early variety in habit of growth and foliage resembles the "Dwarf Champion" very much, and might be taken for that popular variety if it were not for the color of its beautiful rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present standard of excellence. It will be found especially desirable for forcing under glass and growing outside for early market purposes. It may be planted 3 x 2 feet, or even closer, making it also suitable for small gardens, where every foot of land is to be utilized. Its peculiar dark green foliage and glossy, red fruit attract the attention of every passer-by.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

LIVINGSTON'S EARLY PERFECTION—(Introduced by us in 1880). An improved Acme with red skin, somewhat larger, fully as early, has more solid flesh and fewer seeds, and produces more and larger fruit at the close of the season. Invariably smooth and of a handsome blood-red color. All who have tried it pronounce it of the highest quality. Some canners prefer it to all others, especially those who can the tomatoes whole.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S FAVORITE—(Introduced by us in 1883). The Canner's Favorite and one of the best and largest perfect shaped red Tomatoes in cultivation. Ripens evenly and as early as any other good red sort, holding its size to the end of the season; free from cracks and is not apt to rot at the blossom end; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. It is used almost exclusively in the extensive cannerly sections of Maryland, and has been generally grown for years for the canner's trade throughout the United States. We grow thousands of pounds annually to supply this demand.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S ROYAL RED—(Introduced by us in 1892). This fine variety is worthy of a prominent position alongside of its renowned predecessors already bearing the Livingston name, which are well and favorably known to-day by everybody, because they were all that was claimed for them, and even better than expected. A first-class main crop variety for the shipper, catsup maker, marketer and private gardener; no essential point is lacking. Everybody is attracted by its vivid red color and handsome general appearance.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S PARAGON—(Introduced by us in 1870). Our first introduction, and, although it is now twenty-six years since it was first offered, we have kept it up to its original standard, and it has to-day the preference in many localities. Many gardeners, canners and catsup makers will have no other. It is a large sized variety, larger than several of the standard kinds cultivated. An immense cropper. The flesh is solid, well colored and flavored. Ripens between the early and late varieties, grows vigorous and has a distinct heavy foliage, and no variety holds its size better late in the season. Color of skin, deep red.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S POTATO LEAF—(Introduced by us in 1887). A distinct variety and superior to all other potato-leaved sorts in the market. The leaf resembles Mikado or Turner Hybrid, but the fruit is *always smooth*, medium large, very firm and of desirable quality. It is second early, everbearing until killed by frost, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the thick, broad leaves. It has a strong vine, and resists the wind remarkably well; an excellent variety for growing on trellises or tying up to stakes. A very good variety for hot climates, the leaves protecting the fruit from the scorching rays of the sun.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S GOLDEN QUEEN—(Introduced by us in 1882). "Queen of All the Yellows" and a real good yellow sort of first-class quality. Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early, and is the most beautiful yellow variety ever sent out. The larger and riper fruits are sometimes tinged with red at the blossom end. None excel it for eating raw or slicing. The handsome golden-yellow slices make a beautiful contrast in a dish with red sorts. It has very little acid, and the quality is excellent. Makes handsome, rich preserves.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S GOLD BALL—(Introduced by us in 1892). It is a golden yellow variety, and no other yellow sort, except our Golden Queen, can approach it in quality. The flesh is thick and of extra good quality; not so large as Golden Queen; smooth as an apple and of a handsome golden color; grows in clusters; produces enormous crops.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LIVINGSTON'S LARGE ROSE PEACH—(Introduced by us in 1893). It has all the general characteristics belonging to this singular and distinct class of Tomatoes, but is much larger than any Peach variety yet brought out. It is a profuse bearer until killed by frost, and has the agreeable mild flavor, as well as the suffused coloring and the peculiar peach-like bloom or furze on its surface. It has shown no signs of rotting in the past five years, and, we think, for this reason, it would be well adapted for certain hot, dry climates where the ordinary tomato cannot be successfully grown.

PRICE (postpaid)—Pkt., 10c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

DWARF CHAMPION—We make a specialty of this grand and very distinct variety and have grown a number of acres every year since its introduction. A single plant of it was first found some ten years ago in a field of our Acmes. It is well adapted for forcing in vegetable houses, because of its dwarf and compact growth, the plants growing stiff and upright, with stiff-jointed stems, the foliage of an unusually dark green color, thick and corrugated. So compact are the plants that they can be planted two to three feet apart. Heavy manuring, instead of producing a superabundant growth of vine (as in many varieties), increases the yield and the size of the fruit. In form and color they resemble Acme—smooth and symmetrical in shape, ripening close around the stem. It matures the fruit early, is very productive, medium large and frequently crowded close together on the branches for 15 inches.

True Stock—Pkt., 5c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

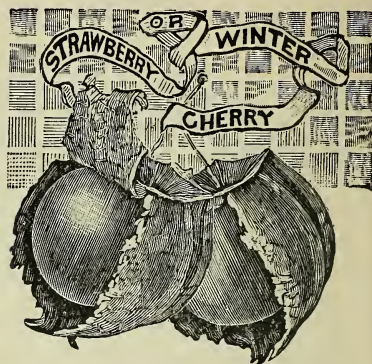
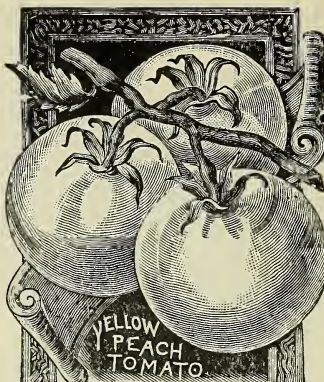
Oxford, O., Oct. 1, 1895: "Livingston's Aristocrat Tomato did better with us this exceedingly dry season than any other tomato did; it holds its fruit up well and was not subject to the rot, where other varieties lost all their fruit with it. The Buckeye State Tomato was also very fine."

Mrs. LAURA B.



Dwarf Champion Tomato.

LIVINGSTON'S BUCKEYE STATE TOMATO—See Novelty Pages.



OTHER TOMATOES.

Below we offer a list of other meritorious varieties. For years past we have aimed to give all new varieties of Tomatoes, as fast as offered to the public, a thorough test for quality and comparative points on our trial grounds near this city, which are under our own personal supervision. Not only that we may keep abreast the times on the Tomato question, but posted on varieties and in position to offer those deserving of introduction as fast as brought out. Our limited space in this department of our catalogue will not admit of full and extended description of the various varieties offered below. We endeavor when necessary, to improve the different sorts, by our system of selection and cultivation, and the stocks we offer below we recommend as being as good as any offered by our competitors or the original introducers.

NEW IMPERIAL—See Novelty List.

The New Autocrat—A new hybrid, large, of fine regular shape, very solid, and with few seeds. It ripens about the stem and is a good producer. The vines are strong and with little foliage. In ripening it is medium early, and in color it resembles the well-known Livingston's Acme. Pkt., 10c.; 3 for 25c.

The New Democrat—This is a cross-bred variety. It is of large size, and very prolific. In color it is a fine, dark purplish red. It is a vigorous grower, with dark green foliage. Medium early, and a good shipper. Pkt., 10c.; 3 for 25c.

Fordhook First—It is claimed that this variety comes into market with such sorts as Early Ruby, Atlantic Prize, etc. It is a medium sized, smooth purple variety of good quality; resembles Acme very much, maybe not quite so large but no earlier. We have grown a crop of it for two years, and with us it has proved no earlier than either Perfection or Acme. Pkt., 5c.; ¼ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.25.

Early Ruby—A Real Early Variety. A single plant of it was first observed in a field of Livingston's Perfection. The fruit, although not so large or so smooth, ripens earlier than Perfection. The open habit of the plant admits the sun and ripens the fruit, which is compact around the base of the plant, and the whole crop ripens very early. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Atlantic Prize—One of the earliest of all; not only ripens its first fruits but a large proportion of the crop earlier than most any other sort; quite valuable to all with whom earliness is the main object desired. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Early Michigan—A beautifully colored Early Tomato of fine quality. Medium size and uniform. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Matchless—Of a rich cardinal-red color; symmetrical in form; free from core; of large size; a good healthy grower. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Liberty Bell—A large sized red Tomato, resembles Royal Red more than any other of our red varieties. Quite a desirable variety for locations where the red color is preferred. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Ignotum—A good red Tomato, not especially distinct from several of the leading large red varieties; solid, productive, bright red; vines grow stocky; dark green leaves. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Optimus—Uniform in size, produced in clusters of four or five, each of marketable size; ripens evenly, free from cracks and blemishes; flesh of a crimson scarlet color. Resembles the Perfection. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Cincinnati Purple—Fruit very large, deep purplish-red; solid and of good flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Ponderosa—The fruit ripens quite early and keeps on coming until very late; of immense size, solid, almost seedless, and of good sub-acid flavor. The single fruits are large, but somewhat scattered on the vine. Quite a large percentage of the fruits are too rough to please growers of the strictly smooth kinds. When ripe it is apt to remain somewhat green about the stem end, and it seems to ripen on the inside first, and on this account should be picked when it appears to be about half ripe. Pkt., 5c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

Mikado, or Turner's Hybrid—Color, a purplish red; quality good when well ripened; foliage distinct; generally quite smooth, but always some rough ones. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Essex Hybrid—A splendid variety, similar to the Acme in color and in many other good points. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Canada Victor—Very early; productive; flesh scarlet; round, smooth, medium size. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Advance—An extra early seedling from Alpha and Perfection; has ripened in ninety days; fruit smooth and round, no green core; skin smooth; very prolific; color usually red, but inclined to sport purple. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Trophy, True—Fruit very large and generally smooth; solid, good flavor, and very productive. Choice, selected seed as good as it can be grown. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

THE NEW PEACH TOMATOES.

Purple Peach—This striking and peculiar variety resembles some varieties of peaches so closely in size, shape, color and general appearance that it is frequently taken for a real peach. It seems to have the real bloom or furze of the peach upon its surface. In color, a deep rose blended with orange amber; it is productive, comes early and lasts until frosts and never rots. Its equal in delicacy of flavor does not exist in the Tomato family. The skin is thin, and peels off like that of a peach. It is very ornamental for table decoration or exhibition purposes. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

Yellow Peach—Differs from the above in color only, being of a rich golden color and having the bloom or furze of a peach upon its surface. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

Husk, or Strawberry, Winter Cherry, Etc.

This delicate husk-enveloped Tomato is unequalled for making preserves and pies. Dried in sugar, as raisins or figs, or to use in fruit cake, they are unexcelled. They are handsome in color, and will keep until mid-winter or longer. They have a strawberry flavor, and produce fruit in great abundance. Aside from being a great curiosity, and very attractive, they sell first-rate in market and are rapidly becoming very popular.

Golden Husk—Fruit a handsome golden color, the size of large cherries; much esteemed by many to eat from the hand; makes an excellent pie. The receipt for making the pie will be on the packet containing seed. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

Purple Husk—This new and beautiful variety produces fruit in great abundance, from one to two inches in diameter enveloped with a husk. Pkt., 5c., ½ oz., 20c.; oz., 35c.

SMALL TOMATOES—Excellent for Preserves, Pickles and Pies.

Red Currant.....Pkt., 5c. **Yellow Plum**.....Pkt., 5c.
Red Cherry.....Pkt., 5c. **Yellow Cherry**.....Pkt., 5c.
Red Pear-Shape.....Pkt., 5c. **Yellow Pear-Shape**.....Pkt., 5c.

Prices of any of the above, by the ounce, 25c.; half-ounce, 15c.; 4 ounces, 80c.

We can supply the following varieties at the uniform price of—Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Mayflower, Red Queen, Hathaway's Excelsior, Lorillard, Volunteer, Cardinal, Long Keeper.

Also **Many Other Varieties** and a host of "re-names" of Tomatoes at customary prices.

You Know What You Get When You Get Tomato Seed of Livingston's.

VEGETABLE PLANTS, ROOTS, ETC.

Prices do not include prepayment of expressage. Sent only by express, not by mail. No orders shipped under \$1.00. We will keep all the following varieties on hand in their proper season, and can ship fresh from the beds and well packed on short notice. Write for our Special Mid-Summer Plant List, issued in June.

CABBAGE, EARLY—(Ready about April 1.)

	PER 50	100	1000
Extra Early Wakefield and All Head Early.....			
Henderson's Early Summer and All Seasons.....	\$0.40	\$0.75	\$4.50

CABBAGE, LATE—(Ready June 1.)

Premium Flat Dutch and IDEAL WINTER.....	.20	.30	2.00
Drumhead Savoy and Red Dutch.....	.30	.50	.....

CAULIFLOWER—(Ready April 1 to May 1.)

Livingston's Earliest and Extra Early Erfurt.....	.65	1.00	7.50
Henderson's Early Snowball.....			

CELERY—(Early Grown, Ready June 1.)

Dwarf Golden Heart and White Plume.....	.50	1.00	.....
Golden Self-Blanching and Giant Pascal.....			

CELERY—(Late Grown, Ready June 20.)

Dwarf Golden Heart and Golden Self-Blanching.....	.35	.60	3.25
White Plume, New Rose and Giant Pascal.....			

Special Prices on larger quantity; also on quantity later in season.

SWEET POTATO—(Ready May 15.)

Extra Early Carolina.....	.25	.35	2.50
Yellow Nansemond (Jersey).....			
Red Jersey.....			

HEDGE PLANTS.

	PER 100	1000
Osage Orange, two years old.....	.35	3.00
Honey Locust.....	.75	4.50

10,000 or more at \$2.50 per 1,000.

TOMATO—(Ready May 15.)—Per 1,000, \$7.50.

	PER DOZ.	50	100
Livingston's Acme, Beauty and Buckeye State.....			
Favorite, Perfection and Paragon.....	\$0.20	\$0.60	\$1.10
Stone, Golden Queen and Royal Red.....			
Dwarf Champion and Dwarf Aristocrat.....			

We grow immense quantities of **TOMATO PLANTS** for the general crop and are in position usually to make special prices on all leading sorts from 1,000 to 100,000 lots.

EGG PLANT—(Ready May 15.)

	PER DOZ.	50	100
Large N. Y. Purple and Livingston's Mammoth.....	\$0.25	\$0.85	\$1.85

PEPPER—(Ready May 10.)

Sweet Mountain and Mammoth Ruby King.....	.20	.60	1.00
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HOP ROOTS—Plant very early. Per dozen, 40c. If by mail add 5c. per dozen for postage.

CHIVES—Good clumps, by express, each 10c.; dozen, \$1.00; by mail 10c. each extra.

HORSE RADISH SETS—See in regular Seed List.
RHUBARB ROOTS—See in regular Seed List.
ASPARAGUS ROOTS—See page 17.

The above Plant Prices are subject to change, owing to damage from bad weather, insects, etc.

5,000 AND 10,000 LOTS OF ANY KIND AT LOW PRICES.

BOOKS. (Sent Postpaid on

Receipt of Price.)

A Fortune in Two Acres.....	\$0	20
Art of Propagation, treats of trees and plants.....		30
Allen's New American Farm Book.....	2	50
Asparagus Culture, Barnes and Robinson, cloth.....		50
Barry's Fruit Garden.....	2	00
Biggle's Berry Book.....		50
Book Keeping for Farmers.....		25
Bulbs and Tuberous Rooted Plants, by C. L. Allen, cloth.....	2	00
Brill's Farm Gardening and Seed Growing, new edition.....	1	00
Broom Corn and Brooms, illustrated, cloth, 50c.; paper.....		20
Cabbage, Treatise on, by J. J. H. Gregory.....		30
Carnation Culture, by Lamborn.....	1	50
Canning and Preserving.....		40
Cauliflowers, How to Grow.....		20
CELERY GROWING AND MARKETING A SUCCESS.....		50
Celery, Kalamazoo. Its Cultivation and Secret of Success, Von Bochove.....		50
Chrysanthemum Culture, cloth \$1.00; paper.....		60
Dairying for Profit.....		30
Every Woman Her Own Gardener, by Mrs. S. O. Johnson.....	1	00
Farm Appliances, illustrated; very valuable.....	1	00
Farming with Green Manures, by Harlan.....	1	00
Farm Drainage, French's, cloth.....	1	50
Farmer's Book of Grasses, by D. C. Phares, paper.....		25
Farming for Profit (Reed), illustrated, cloth.....	3	00
Ferns and Ferneries.....		30
Flax Culture.....		30
Fertilizers, a new edition, by J. J. H. Gregory, paper.....		40
Fertilizer Farming.....		20
Fruits and Fruit Trees of America, by Downing.....	5	00
Fuller's Small Fruit Culturist.....	1	50
Fuller's Grape Culturist, cloth.....	1	50
Grasses of North America, 475 pages; 175 illustrations, Beal.....	2	50
Gardening for Old and Young.....	1	25
Gardening for Pleasure, new revised edition. Henderson.....	2	00
Gardening for Profit, Henderson, a new edition, rewritten and enlarged, valuable information on market gardening, cloth.....	2	00
Greenhouse Construction, Taft.....	1	50
Hand Book for Fruit Growers, by Elliot.....	1	00
Hand Book of Plants, Henderson's new and revised edition.....	4	00
Home Floriculture, by Eben E. Rexford, new and valuable.....	1	50
Horticulturist's Rule Book (Bailey)..... Cloth \$1.00; paper.....		60
Hop Culture, by experienced cultivators.....		30
How to Grow Onions on Muck Soil, paper.....		25
How to Grow Cut Flowers, by M. A. Hunt.....	2	00
How to Heat a Greenhouse with Hot Water, cloth.....		50

How to Destroy Insects on Plants, etc.....	\$0	30
How to Destroy Insects on Flowers and House Plants.....		30
Insects and Insecticides, by C. M. Weed.....		1 25
Irrigation Farming, Wilcox, a new book, cloth.....		2 00
LIVINGSTON AND THE TOMATO.....		1 00
Language of Flowers, cloth 50c.; paper.....		25
Mangolds and Carrots, Treatise On, by J. J. H. Gregory.....		30
Manures, Methods of Making, by Bommer, paper.....		25
Manures, Talks On, by Joseph Harris, cloth.....		1 75
Money in the Garden, by P. T. Quinn. A practical work.....		1 50
Mushroom Culture, Robinson's, illustrated, cloth.....		50
Mushrooms, How to Grow, Falconer.....		1 50
Onions, Treatise On, by J. J. H. Gregory.....		30
Onion Growing, Landreth's 9 Prize Essays, paper.....		25
Onions, The New Culture, by Greiner.....		50
Onions, How to Raise Profitably.....		20
PETS OF THE HOUSEHOLD, T. M. Earl. Their Care in Health and Disease.....		35
Peanut Plant, Its Cultivation and Uses, paper.....		50
Potatoes, A BC of, by T. B. Terry.....		40
Potato Culture, The New, by E. S. Carman, cloth, 75c.; paper.....		40
Poultry for Market.....		25
Poultry Raising and Management of.....		50
Poultry for Pleasure and Profit, by Johnson.....		25
Practical Floriculture, Henderson's.....		1 50
Squashes, by Gregory.....		30
Success in Market Gardening, Rawson's.....		1 00
Sweet Potato Culture, by James Fitz.....		60
SWEET POTATOES, 40 YEARS' EXPERIENCE. W. F. Brown.....		20
Strawberry Culturist, by Fuller.....		25
Silos, Ensilage and Silage.....		50
Stewards Irrigation.....		1 50
Truck Farming in the South.....		1 25
The Business Hen. Breeding and Feeding Poultry for Profit.....		40
Window Flower Garden, Heinrich's, cloth.....		65

CELERY GROWING AND MARKETING A SUCCESS.

By H. L. STEWART.

Mr. Stewart is one of the pioneers in celery growing in Michigan. This book is brimful of just the kind of information every celery grower needs. It describes clearly and fully how to grow, harvest and market it in the most profitable and economical manner. It also contains several illustrations of useful tools for use in cultivating or handling the crop. Price 50 cents.

LIVINGSTON AND THE TOMATO.

(By A. W. LIVINGSTON.)

Being a History of Experiences in Discovering the Choice Varieties introduced by the author, with PRACTICAL INSTRUCTIONS FOR GROWERS AND OTHERS.

He has made a very readable book, and one that any person will enjoy reading, even for pastime. It contains 176 pages, and is a thorough treatise of the subject in hand, and interesting as well as valuable to every grower.

RETAIL PRICE—Handsome Cloth Binding, Gilt Title, Illustrated and Printed on Finest Book Paper, \$1.00 (postpaid).

A few of the 64 Chapters are—"The First Tomato I Ever Saw." "Best Varieties for Certain Purposes." "Running Out." "Crossing." "Profits." "Hot-Beds." "Field Crop Culture." "Staking Up, &c." "Insect Enemies." "Diseases and Remedies." "Harvesting, Shipping, Selling, &c." "Uses of the Tomato." "Cooking Recipes, &c."

It will be sent FREE to all who order Seeds, at prices quoted in this catalogue, to the amount of \$10 00 or for every dollar's worth of Seeds ordered 10 cents may be deducted from the price of the book. Thus, if your order amounts to \$3.00 deduct 30 cents and send us 70 cents for the book.

We Can Furnish Any Book (or Paper) on Gardening, Agriculture, Horticulture and Stock at Publisher's Prices.



OATS.



MISCELLANEOUS FARM SEEDS.

The prices given below are **NET, free on cars**, this city, purchasers paying all transportation charges; at the prices quoted here we make no charge for bags or cartage. Where customers are in need of large quantities we will be pleased to quote them, on application, the lowest prices that the market will justify at the time.

NEW SEIZURE OATS.

Our attention was called to this valuable variety the past season by Mr. Postle, an *up-to-date farmer*, near this city, who keeps a sharp look-out for promising new farm seeds of various classes, and annually makes thorough tests of a number of those coming highly recommended. And being aware of this fact we did not hesitate to engage his entire crop of *Seizure*, on his own statement, stating that it was *the best in all respects* of the many sorts he had given a thorough trial within the past ten years. This variety has been grown at the Ohio Agricultural Experiment Station since 1886, and will be found heading the list of its class in the various bulletins sent out. This speaks well for it, and no higher indorsement is needed by those familiar with the critical and thorough tests carried on at this station.

Mr. J. T. Hickman, Agriculturist, describes it as "One of the best producing varieties grown at the station, if the seed is in the ground before the 20th of April. It is among the later maturing varieties, and therefore requires early sowing; the straw is good length, and I believe it will stand up with any other variety grown on the farm. It belongs to the side-oats class; kernels of medium length, taper pointed, with uniform size; the berry is not absolutely white, but has a yellow tinge or cast."

It is not what would be classed a real heavy oats, but it is a splendid variety for feeding horses, and much preferred by many farmers and feed dealers to the very heavy and thick hulled kinds.

Mr. Hunter, a farmer and extensive horse breeder in this county, states (Nov. 27, 1895), "The *Seizure Oats* yielded one-third more bushels to the acre than other varieties on the same kind of ground. I shall *sow no other kind* of oats the coming spring. We can highly endorse this variety to our patrons, as we think it early enough and perfectly safe for this latitude, for it has never failed to mature a fine crop for Mr. Postle and others. *Price, Postpaid*—Large packet, 15c.; lb., 35c.; 4 lbs., \$1.00. *By Express or Freight*—Peck, 40c.; ½ bus., 60c.; bus. (32 lbs.), \$1.00; bag of 2½ bus., \$2.25; two bags, \$4.25; 10 bus. and over, 80c. per bushel. Sacks free.

New Lincoln—Was introduced in 1893, and largely sold in all sections of the country, giving wonderful results. It is early, and has so far proven rust proof. Straw stiff and strong, standing up. The grain is handsome and valuable for feeding on account of its thin hull, heavy meat and soft nib. *Postpaid*—Lb., 25c.; 3 lbs., 75c. *By Express or Freight*—Peck, 35c.; bus. (32 lbs.), 90c.; bag, 2½ bus., \$2.00; 2 bags, \$3.75; 10 bus., \$7.00. Sacks free.

American Banner—Invariably yields large crops. Grain large, white and plump; ripens early, and has stiff straw of good strength. *Postpaid*—Lb., 25c.; 3 lbs., 75c. *By Express or Freight*—Peck, 35c.; bus., 90c.; 5 bus., \$4.00; 10 bus., \$7.00. Sacks free.

Special Prices on larger quantities of above kinds on application. Also **bottom prices** on various other kinds offered by other seedsmen.

SORGHUM, OR SUGAR CANE,

Is being used extensively as a green food for cattle, as it is a sure crop, being a great drouth resister and an immense yielder; producing many tons of most nutritious green food to the acre. Specially fine for a food for milch cows, when pasture is short.

Early Orange Cane—A strong grower; much more juicy than any other variety. The stalk is heavier, and a little later than the Amber. *Postpaid*—Pkt., 10c.; lb., 25c. *By Freight or Express*—10 lbs., 50c.; 50 lbs., \$1.75; 100 lbs., \$3.00.

Early Amber Cane—This popular and well-known variety is the earliest, and makes the finest quality of both sugar and syrup. *Price the same as Early Orange.*

WINTER WHEAT.

Prices on Application.

Fultz—(Bald)—A first-class milling wheat.

Jones' Winter Fife—(Bald)—A grand winter wheat, yielding immense crops.

Early Red Clawson—(Bald)—Very early. A No. 1.

Hybrid Mediterranean—(Bearded).

RYE.

Spring—An excellent catch crop when the fall sown varieties have been winter-killed. Bushel, \$2.00.

Common Winter, Thousandfold Winter, } Prices on Application.

BUCK WHEAT.

Should be sown about the middle of June, broadcast, using from one to three pecks of seed to the acre.

New Japanese—This new sort has proven to be much earlier and more productive than any other variety. The grains are very large and of a rich brown color. It excels all in yield and earliness. *Postpaid*—Lb., 25c. *By Express*—Peck, 40c.; bushel, \$1.50.

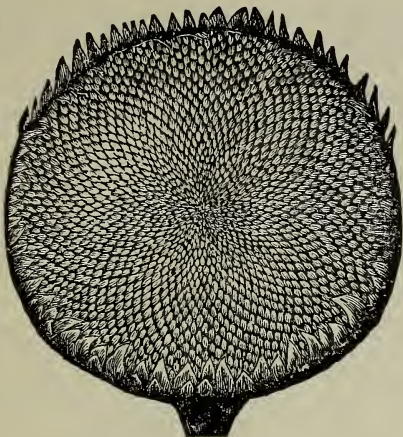
Silver Hull—A very good and popular variety. The grain is of a light gray color, is rounder than the common variety, has a much thinner husk, matures earlier, and yields a half more to the acre. *Postpaid*—Lb., 25c. *By Express*—Peck, 40c.; bushel, \$1.25.

Common Black—Market price.

BROOM CORN.

Improved Evergreen—The best variety for general cultivation on account of color and quality of brush; ripens very early, grows about 8 to 10 feet high, brush of good length, fine and straight, and always of green appearance when ripe. *Postpaid*—Lb., 25c. *By Express*—Peck, 50c.; bushel, \$1.60.

New Japanese—Extra early; matures in about seventy-five days when planted late. Can be planted after wheat with good success, thereby making two crops on the same ground. The brush is fine and long. *Postpaid*—Lb., 25c. *By Express*—Peck, 60c.; bushel, \$2.00.

MAMMOTH RUSSIAN SUNFLOWER.

Russian Sunflower.

The Giant of All Sunflowers—Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. Highly recommended for poultry; the best egg-producing food known. The seed is good feed for horses. *By mail (postpaid)*—Oz., 5c.; pint, 15c.; quart, 25c. *By express*—Quart, 15c.; peck, 75c.; bus., \$2.50.

Spring Vetches, or Tares—A good forage plant, also used for plowing under. Sow one bushel to the acre, broadcast like wheat or barley. Used in France and Canada as a substitute for peas; also ground into flour and mixed with wheat flour for making bread. *Postpaid*—Qt., 35c. *By express*—4 qts., 50c.; peck, 90c.; bus., \$3.25.

Kaffir Corn—One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make splendid food for poultry, fed either in the grain or ground and cooked. The foliage and stalks make excellent forage. Cultivate the same as common corn, requiring four or five pounds of seed per acre. *By mail (postpaid)*—Oz., 5c.; ¼ lb., 15c.; lb., 25c.; 3 lbs., 60c. *By express*—Peck, \$1.00; bus., \$3.00.

Wild Rice (Zizania Aquatic)—For planting in fish ponds it is desirable, and as an attraction for wild fowl it cannot be equaled. Also does well along the edge of marshes and makes fair hay. Sow in the fall or very early spring. Will grow in water eight feet deep. *By mail (postpaid)*—Large pkt., 10c.; ¼ lb., 15c.; lb., 40c. *By express*—Peck, \$1.75; bus., \$6.00.

Chufas, or Earth Almonds—A species of "grass nut" (*Cyperus Esculentus*) much used to fatten hogs. It is not to be confounded with the Cocoa or Nut Grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under the ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows three feet apart and eight to ten inches apart in the row. If seed is dry soak before planting. One peck of seed per acre. *Postpaid*—Pkt., 10c.; quart, 35c. *By express*—Quart, 30c.; peck, \$1.50.

SACALINE. (Polygonum Sachalinense.)

If half the claims made for this new forage plant are realized it will prove one of the most wonderful and desirable in existence.

The introducer says: "It is perfectly hardy; once planted, stands forever; requires no cultivating or manuring, endures the severest drought with impunity. Thrives equally well on wet or dry soil. The young snoots and leaves may be eaten as a vegetable. The stems and leaves, green or dry, are greatly relished by cattle, sheep and horses. It is more nutritious than clover and produces from fifty to a hundred tons of green fodder per acre."

The seed should be started in the same way as cabbage, and the plants, when large enough, set out four feet apart each way. Per pkt., 10c.

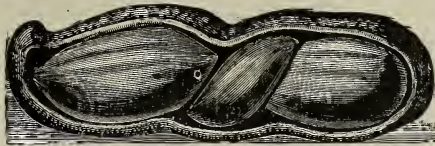
THE HAIRY VETCH.

(*Vicia Villosa*—"Sandwichen.")

First introduced in the United States by Peter Henderson & Co. This has proved to be the most valuable of all the vetches. It succeeds on all soils, and does not suffer from extremes of drought, heat or cold. Sown in August or September at the rate of 40 to 50 lbs. per acre, it will cover the ground with a dense mat of forage which, in the Southern States, will afford abundant pasture throughout the entire winter. In the Northern States it remains green all winter under the snow, and is invaluable for early pasturing or soiling. In the latitude of Delaware, Maryland and Southern Jersey, where the Crimson Clover flourishes, this Vetch will not be so greatly esteemed, but in the Southern States where the Crimson Clover does not thrive, and in the Northern States where the clover is winter-killed, the value of the Hairy Vetch is inestimable. Sown in spring, it quickly produces a most luxuriant crop. Sow 40 to 50 lbs. per acre. Pkt., 10c.; lb., 25c.; by express or freight not paid, bus. of 60 lbs., \$5.00.

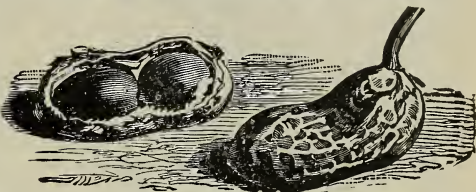
PEANUTS.

Virginia Improved—The mammoth Virginia Peanut is a very profitable variety to grow, and more desirable than the common spreading kind. It is easily cultivated; very erect stems, upright foliage; largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make a valuable forage for stock. *By mail (postpaid)*—



Large package, 10c.; lb., 35c.; 3 lbs., \$1.00. *By express*—4 lbs., 50c.; 10 lbs., \$1.00.

Spanish Peanut—The earliest variety grown—Pod small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs. *Postpaid*, large package, 10c.; lb., 35c.; 3 lbs., \$1.00. *By express*—4 lbs., 50c.; 10 lbs., \$1.00. Bushel prices given on application.



Spanish Peanuts.

Large package, 10c.; lb., 35c.; 3 lbs., \$1.00. *By express*—4 lbs., 50c.; 10 lbs., \$1.00. Bushel prices given on application.

RAPE.

Dwarf Essex—This plant is extensively grown in Europe and Canada for forage, especially for sheep, and for green manure, for which purpose there is perhaps no plant better adapted where a quick, rank growth is desired. Farmers who raise much stock and desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this Rape. Prepare the ground as for turnips and sow in June or July, with a turnip drill, in rows two and one-half feet apart, at the rate of two and one-half pounds seed per acre, or may be sown broadcast at the rate of five pounds per acre. Our stock is the *True Essex Dwarf*, and not the worthless annual. *Postpaid*—Oz., 10c.; ¼ lb., 15c.; lb., 40c.

FIELD PEAS.

Cow Peas, or King of Land Renovators—This is not exactly a Pea, but more properly belongs to the bean family. Cow Peas have been grown largely in the South to reclaim or renovate soil too poor to grow clover and for seed production. Scientific tests have, however, demonstrated that the food value of the Cow Pea, either for hay or ensilage, is equal to, if not exceeding, that of clover; and by putting it to this use its manurial value is not impaired when fed to stock and the manure returned to the soil. They should not be sown until the ground becomes warm; say from May 15th to June 15th, and can probably be grown as a second crop after wheat in the North. When sown in drills three feet apart, one bushel will seed two acres. Sown broadcast, from one to one and one-fourth bushels are required to seed an acre properly. Plant in a thoroughly pulverized soil. If grown for fodder or seed, plant in drills and cultivate thoroughly. If grown to plow under, sow broadcast. Cow Peas will yield from eight to twelve tons of vines per acre, which is equivalent to from one to two and one-half tons of cured hay per acre. Weight per bushel, 60 pounds. Varieties in most general use **Black Eye**, seed of which is round oblong, creamy white with a large black eye. **Clay Bank**, pod, large yellow; pea, medium cream colored. Either variety, *Postpaid*—Quart, 35c. *By express*—Peck, 75c.; bus., \$2.50.

Canada Field Peas—Valuable for Northern climates for cattle-feeding. Used as feed for pigeons, etc., and for green soiling. *By express or freight*—Peck, 60c.; bus., \$2.00.

TREE SEEDS.

Osage Orange—Best of all hedge plants. *By mail (postpaid)*—Oz., 10c.; ¼ lb., 20c.; lb., 40c. Special price on application. Plants in season—See *Plant Department*.

Catalpa (Speciosa)—The hardy Western variety largely planted. Rapid grower and makes the best timber trees. *By mail (postpaid)*—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.

Russian Mulberry—Planted for silk culture; easily grown; hardy; fine hedge; fruit quite palatable. Tree makes fence posts in five years, and fine lumber. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Prices on other Tree Seeds given on application.

The Sevain & McCormick Canning Co., Sabina, O., July 2, 1894, writes: "The seventy-five bushels of Stowell's Evergreen Corn purchased of you this year was very good seed, and gave us a very satisfactory stand."

John A. Magee, McGraw, Ohio, Feb. 20, 1895: "Please send me an extra order sheet so that I can order my spring seeds. I think the True Blue Seeds are hard to beat. Last year was my first year with them and everything I got was just as you represented it."

RECLEANED GRASS AND CLOVER SEEDS.

Customers understand that prices on Grass and Clover Seeds are changing (almost daily), and that we can only give prices subject to market fluctuations. Bags are included at the prices here given. Those wanting seeds in quantity should write for special prices. **✉ If to go by Mail 8 cents per pound must be added for postage.**

Kentucky Blue Grass —(June Grass)—Universally known; desirable for pastures and lawns. Sow in fall or spring at the rate of 2 to 3 bushels per acre. Fancy clean seed. (Bus. 14 lbs.)	Lb.	10 lbs.	100 lbs.
	20	\$1 50	\$10 00
Orchard Grass —Extremely hardy and widely known. One of the earliest to start in the spring; grows rapidly and furnishes an abundance of pasture during the entire season. 1½ to 2 bushels per acre. (Bus. 14 lbs.)	20	1 85	11 50
Red Top Grass —(Prime)—Thrives well in almost any soil, but best in low land, and produces a very firm sod. Sow 1 to 2 bushels per acre. (Bus. 14 lbs.)	15	1 25	10 00
Timothy —A well-known variety. Write for latest prices, whether you want a bag or a carload. (Bus. 45 lbs.) Choice seed.	15	1 00	5 00
Wood Meadow Grass —Adapted for pasture or pleasure grounds; of early growth; thrives well under trees. Sow 2 bushels per acre (Bus. 14 lbs.)	30	2 50	22 00
Sweet Vernal —Is very fragrant, especially when bruised or cut. Mixed with other grasses for pasture it is quite valuable, as it starts early in spring and grows until late in the fall. (Bus. 10 lbs.)	30	2 50	22 00
Tall Meadow Oat Grass —Used for soiling. It succeeds well in sandy lands, and, owing to its long, fibrous roots, stands cold and drought well. Sow 3 bushels per acre. (Bus. 10 lbs.)	25	2 25	20 00
Johnson Grass —A large, strong-growing grass. Succeeds well in the South. Good for hay or pasture; stands drought well. Sow 3 bushels per acre. (Bus. 25 lbs.)	20	1 00	7 00
Perennial Rye Grass —(Lolium Perenne)—Very nutritious and valuable grass for meadows and permanent pastures; rapid grower, and the most prominent grass in England. 1 to 1½ bushels to the acre. (Bus. 24 lbs.)	15	1 25	10 00
Meadow Fescue —Thrives in all soils; excellent for permanent pastures; starts early, very productive. Sow 1½ to 2 bushels per acre. (Bus. 24 lbs.)	20	1 60	15 00

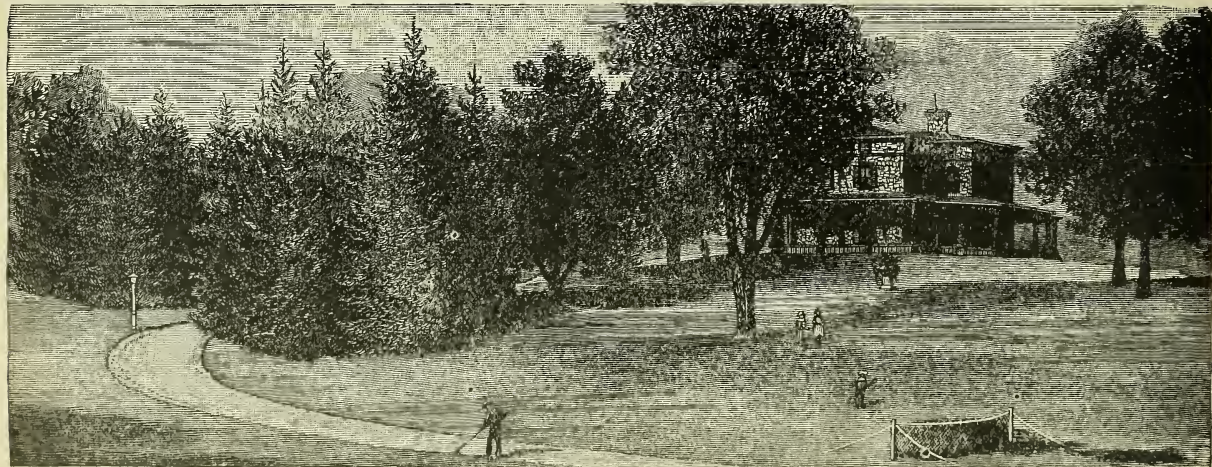
✉ Write for Special Prices on Grass Seeds before you buy in either fall or spring. Also for Prices of other Grasses not mentioned above.

CLOVER. In this locality Clover is a sure crop, and large quantities are annually harvested. Parties wishing any quantity will do well to get samples and prices of our Extra Recleaned Seed before placing their orders. We are in position to handle it on a close margin and supply the finest grades.

Medium, or Common Red —The Clover Seed of Commerce, and the most important and valuable of the Clover family for agricultural purposes. Sow 15 lbs. to the acre. (Bus. 60 lbs.)	Lb.	10 lbs.	100 lbs.
	20	\$1 40	\$10 00
Alsike, or Hybrid —(Swedish)—Has fibrous roots like White Clover; valuable for hay and pasture when mixed with other grasses. Esteemed highly for bee pasture	20	1 50	12 00
Mammoth Clover —Valuable with other grasses for mixed hay; ripens about with Timothy, Orchard, and other grasses. Being a rank grower it is largely used for plowing under as a fertilizer.	20	1 40	10 00
White Dutch —Grows naturally in pastures in a great variety of soils and situations; indispensable in parks and lawns.	35	3 00	25 00
Crimson Scarlet Italian —Is greedily eaten by cattle; excellent for bees; blossoms long and cone-shaped, of a dark red or carmine color. It grows rapidly, but must be resown each season. Yields several crops per year. Used in the South of Europe for feeding green. Makes excellent hay.	20	1 40	10 00
Alfalfa, or Lucerne —One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; bears cutting three or four times in a season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots fully three feet into the earth. Sow early in spring to secure a good stand before winter, if to be used for pasturage or curing.	20	1 40	10 00

MILLET. Sow broadcast, one bushel per acre for hay, one-half bushel for seed, from May to August.

German, or Golden Millet —True Southern Grown—Superior to all others. If you want a good crop of hay use it—it is worth double Northern or Western grown.	15	1 00	8 00
Western Grown Millet			Market Price
Hungarian (Grass)			Market Price



LAWNS. In making a new lawn great care should be taken to produce a soft, velvety evergreen sod that will stand the cutting and heat of summer and the severe cold of winter. A good lawn once made will last for years if the right material is used and the work properly done. Our Lawn Seed Mixture is not surpassed by any in this country and is as near perfection as is possible to attain. It has been thoroughly tested in all parts of the country and gives perfect satisfaction. Old lawns are greatly benefited if given a thorough raking as early in the spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds or other causes. Lawn seed can be sown at almost any time, from early spring to late in the fall; four bushels are required to sow one acre—43,500 square feet.

Price, per Pound, 25c. Will sow 300 Square Feet.
 Price, 3 Pounds, 65c. Will sow 1,200 Square Feet.
 Price, per Peck, 75c. Will sow 2,400 Square Feet.
 Price, per Bushel (14 lbs.), \$2.75. Will sow 10,000 Square Feet.

✉ If to go by Mail add 10 cents per pound for postage.

LAWN FERTILIZER. No Weeds. No litter around your house. Old and New Lawns require stimulating after the long drag through the winter, or in the fall after the season of cutting and the heat of summer. It is chemically prepared, containing only the elements to make grass growth, and has never failed to produce a rapid and rich green velvety lawn. By using this dressing all unsightliness and disagreeable odors are avoided. No weed seeds will fill your lawns as they frequently do when stable dressing is used. It is very lasting and by its use worms and other troublesome insects are driven from the soil. It should be sown broadcast at the rate of 600 to 800 pounds to the acre, according to the condition of the lawn.

100 pound Bag, enough for 2,500 Square Feet	\$2 00
50 pound Bag, enough for 1,250 Square Feet	1 50
25 pound Bag, enough for 600 Square Feet	1 00
10 pound Bag	50

SEED CORN.

The varieties of Field Corn we offer below are the best now in general use. They were grown especially for seed purposes, and were well matured, cured, and shelled with great care. We test all varieties before sending out, that there may be no doubt as to vitality if properly planted and the conditions are favorable. At the prices here given we make no charge for sacks in shipping. To avoid delay, when ordering late in the season, it would be well to mention your second choice, or state whether we shall send a sort adapted to your locality or refund the money, provided we are sold out of your first choice at the time your order arrives.

It only costs about 25 cents an acre to use our carefully selected and Tested Seed Corn. Is it wise to risk doubtful corn from the crib?

WHITE CAP YELLOW DENT—This is a corn of great merit. It is suitable for all climates and soils, and grows large ears and matures early. The ear grows as large as Leaming and is from seven to ten days earlier, and on poor, thin soil will yield thirty per cent. more corn. It grows strong, rank and thick, and, it is claimed, will produce more corn on poor, thin soils than any kind now in cultivation. It will be appreciated by those living in drouth sections and by those farmers who have poor, thin soil, while on strong, rich soil it has no superior. The tip end of the grains are white, the inside yellow, making it a beautiful color. Large growers in the corn belt, as well as those out of it, will be pleased with this corn. Price, by mail (postpaid)—Sample ear, 25c.; large packet, 10c.; quart, 40c. By express or freight (at buyer's expense)—6 select ears, 40c.; quart, 25c.; peck, 50c.; bus., \$1.50; 2 bus., \$2.75; 4 bus., \$5.00; 10 bus., \$11.00; sacks free.

PRIDE OF THE NORTH—THE VERY EARLIEST Yellow Dent Corn in cultivation, and can be successfully grown farther north than any other dent. It originated in extreme Northern Iowa over ten years ago. Ripens readily in New England. Matures perfectly in 90 days; is very hardy and prolific; ears uniform, of good size, cob small, kernels closely set on the cob, and are long and compact. By mail (postpaid), sample ear, 20c.; packet, 5c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 4 bushels, \$5.00; 10 bushels, \$12.00.

EARLY BUTLER DENT—This is a beautiful golden yellow corn, and has given perfect satisfaction and proven itself to be an excellent variety for the farmer of the North and Northwest, maturing in ninety to one hundred days. Ears good size, with long grains and small cob. By mail (postpaid), sample ear, 20c.; packet, 5c.; quart, 30c. By express or freight (not paid), 6 ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 4 bus., \$5.00; 10 bus., \$12.00.

EARLY WHITE DAWN—An excellent White Dent variety, with bright, solid, glossy white kernel; small red cob; stalks often bear two good ears; grains grow well over tips of cobs; matures in 90 to 100 days. A good yielder, adapted to all corn growing localities, and gives universal satisfaction; excellent for any soil and gives better yield on clay land than any of the yellow kinds. By mail (postpaid), sample ear, 20c.; packet, 5c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 4 bushels, \$5.00; 10 bushels, \$11.00.

EARLY MASTODON—A new early dent variety originated in Northern Ohio. The ear is EXTRA LARGE, with large deep grains; it grows strong, rank, quick, and makes fine appearing shelled corn—two shades of white and yellow. In the American Agriculturist corn contest of 1889 it out-yielded all others, making the wonderful record of 213 bushels shelled corn to the acre. By mail (postpaid), sample ear, 25c.; packet, 5c.; quart, 30c. By express or freight—6 ears, 25c.; quart, 15c.; peck, 50c.; bus., \$1.50; 4 bus., \$5.00; 10 bus., \$11.00.

TRUE CLARAGE YELLOW—Best Second Early. Sure to ripen. It has been grown extensively by farmers in this locality for over fifty years. It ripens between the Pride of the North and Leaming. The ear is nearly as large as the Leaming, very uniform its entire length, and well filled out at both ends; husks very easily; of rich golden color, and very productive. In favorable season it has ripened here when planted as late as the first of July. Highly recommended by the Ohio Experiment Station as ONE OF THE BEST in points of EARLY MATURITY AND PRODUCTIVENESS. By mail (postpaid), sample ear, 20c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 4 bushels, \$5.00; 10 bushels, \$11.00.

TRUE YELLOW LEAMING—An extensively grown large Yellow Dent variety. THE SEED WE OFFER IS TRUE LEAMING. Has pure glossy yellow ears low on a strong, heavy stalk; grains square and deep; ripens quite early, frequently maturing in 100 days from planting; it weighs, "struck measure," 60 to 63 lbs. per bushel; will yield, on a good soil, with proper tillage and favorable seasons, from 75 to 100 bushels per acre. By mail (postpaid), sample ear, 20c.; packet, 5c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 4 bushels, \$5.00; 10 bushels, \$11.00.

MAMMOTH WHITE DENT—This is a large-eared variety, combining all the good points required in corn growing sections south of the 40th parallel. It has a broad, very deep, pure white kernel and cob—in fact a stray red cob will hardly be found in a thousand bushels; grades "strictly white" in any market. It is very desirable for white corn meal, and those desiring a large white corn cannot fail to be pleased with it. By mail (postpaid), sample ear, 25c.; packet, 5c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 4 bushels, \$5.00; 10 bushels, \$11.00.

FODDER AND ENSILAGE CORNS.

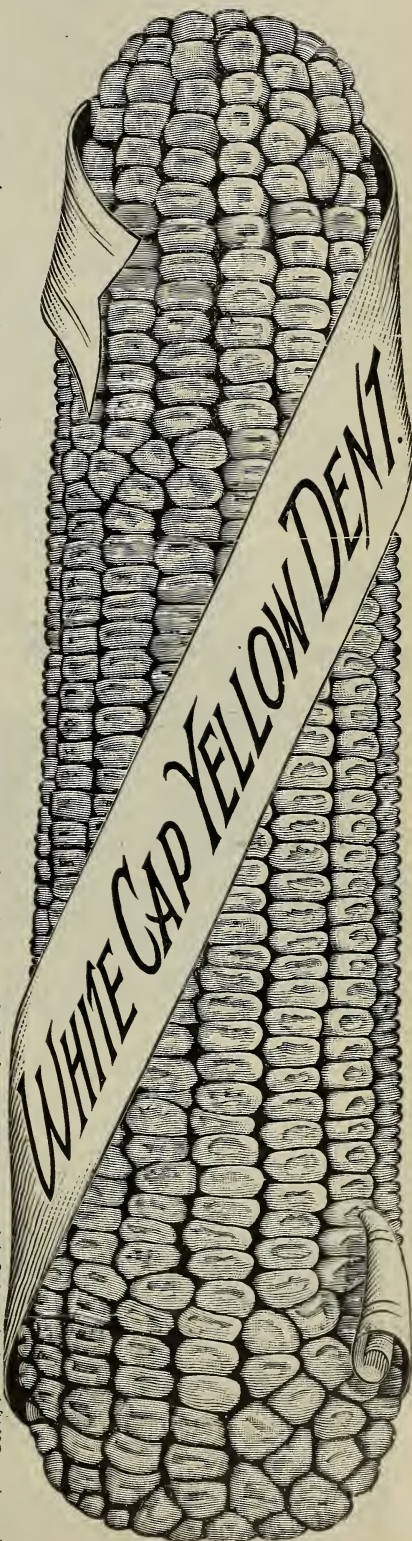
By Express or Freight, at Buyer's Expense.

EVERGREEN SUGAR—There is nothing better for early fall green feed, or for curing for winter than Sweet Corn. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. A favorite with dairy farmers. Also excellent for silage. Can be planted as other corn or sown, thickly in drills or broadcast. Peck, 60c.; ½ bushel, \$1.10; bushel, \$1.75; 2 bushels, \$3.30.

RED COB ENSILAGE—A Southern type of large white corn with red cob, strong, leafy stalks and short joints; a general favorite. Peck, 50c.; bushel, \$1.10; 2 bushels, \$2.00; 5 bushels, \$4.75; 10 bushels, \$9.00.

**POPULAR
POPPING
OP CORN.**

WHITE RICE—There is no better or more popular variety for popping purposes; the grain is pointed, pops white and full, is very productive and of excellent quality. By mail (postpaid), two nice sample ears, 10c.; pkt., 5c.; ¼ lb., 15c.; lb., 25c.; 3 lbs., 60c. By express (not paid), 10 lbs. for 60c.; 40 lbs. for \$2.00.



IF YOU NEED A QUANTITY OF ANY OF THESE CORNS WRITE US FOR LOWEST RATES.

SEED POTATOES, POTATO SEED, POTATO EYES.

OUR PRICES.

The following prices are about what we think will rule for good, straight, unmixt stock for the coming season's planting, but if you receive lower quotations before placing your order write us (it costs but a trifle) stating what you may want, and we will bid for your order.

You may save dollars, for we are usually in position to meet and frequently do better than many other firms when we are given an opportunity. We do not care to compete with irresponsible houses, who frequently do not know one Potato from another, and are apt to fill orders for half a dozen kinds all from one bin. We have fine stocks, and expect to sell them regardless of what it cost us to have the same produced on contract.

Remember we are keen to sell, and shall be pleased to correspond with any one wishing to purchase in quantities larger than what are quoted below.

SPECIAL INSTRUCTIONS.

We will book orders at the following prices as long as our present stock lasts, no matter if there should be an advance in the market. We fill orders just as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in the weather by which they might become damaged while en route. We will ship at any time when requested to do so, regardless of the weather, if customers wish to take their own risk. When customers request it, we will pack a barrel of two or three kinds without extra charge. When ordering late please state whether we shall return the money or send some kind of equal value, providing we cannot supply the sort you order.

Potatoes by Freight or Express at barrel, bushel, peck and ½ peck prices. The buyer pays the freight or express charges. Our barrels contain 2½ bushels, good measure. No Potatoes sent C. O. D. All transportation charges must be paid by the buyer.

Prepaid Prices for small quantities of any variety of Potato, unless otherwise quoted: One lb. 25c.; 3 lbs. 60c., postpaid. Three dozen Eyes for 25c., postpaid.

With no other Seed is the importance of change more essential than with the Potato, and for many years no such opportunity has been offered to make this desired change, for the finest stocks are to be had at much lower prices than have ruled for many years, and in all probability these conditions may not exist again for some time to come. By using our Northern Grown Seed you are assured of early maturity, increased yield and a vigorous growth. Our stock has been grown from selected seed and expressly for seed purposes. Our growers in Michigan are potato specialists, and have grown for us for years, and the growth and extent of our potato trade is the result mostly of the growers' painstaking care and general knowledge in growing and selecting the seed stock with which to grow the crop. To grow healthy stock they use first-class potato land, nothing but pure, well-matured, good-sized seed, treating the seed and spraying the foliage when necessary.

The potatoes are very carefully handled while digging and barreling, that they may not be bruised or otherwise injured.

Larger Size.—On account of drouth last season we were compelled to send out much smaller stock than we desired, but we are glad to announce that our stock is of much better size than usual, and is well assorted and will please the most critical.

SEED POTATOES GROWN ON MARSH LAND.

Some planters prefer their seed potatoes grown on marsh land. We have a few Banners and Carmen No. 1 that were grown on this class of land, and can supply them while the stock lasts if desired. It makes excellent seed for upland, but we think upland seed should be used for planting the marsh crop.

THE TIME TO PLANT POTATOES

Is when nobody else is going to plant, on the grounds that "it don't pay," "prices are too low," "won't pay for digging," etc. A year ago to-day (Nov. 20th) the average market price the country over was about four times what it is to-day, and it would be no unusual thing for Potatoes to sell as high twelve months hence.



EXTRA EARLY OHIO

Still heads the list of Extra Early Potatoes. Some sorts will give edible potatoes about as early, but their tops will be green for days after the Ohio's have died. It is two weeks ahead of the Early Rose, and is a special favorite with marketmen and the most profitable potato they can possibly grow. The sprout is very strong, the vine grows erect and is easy to cultivate; maturing early, brings highest prices and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes, which are even with the surface. They keep firm until late in the spring. Southern growers plant this variety almost exclusively for early shipment North. With heavy manuring, close planting (they can be planted almost a half closer than others on account of their upright-growing tops), and good culture, a very large and profitable crop can be expected. One grower near this city has grown ten to fifteen acres for several years past, and the yield has been from 300 to 500 bushels per acre annually. This is our specialty in standard early varieties, and we have for years taken great pains to keep the stock pure and up to its original standard, but we are confident many do not know a true Early Ohio and have grown some other sort that they thought was correct. We know ours are right, because we renew our stock direct from Mr. Reece, the originator, every few years.

Michigan Crown Stock—One-half peck, 25c.; peck, 40c.; bu., \$1.25; bbl., \$3.50; 3 bbls., \$10.00.

Ohio Crown Stock—Pk., 35c.; bus., \$1.20; bbl., \$3.25; 3 bbls., \$9.00.

EARLY ROSE—Pure, Genuine Old Early Rose. Secure a new start of this variety while we have it. It is easy to get "Rose" at any time, but True Early Rose are hard to find of late years. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.

OHIO JUNIOR.

Closely resembling its parent, the Early Ohio, but is rather rounder and said to be more productive. A good keeper and of excellent quality. Peck, 40c.; bus., \$1.25; bbl., \$3.50; 3 bbls., \$10.00.

EXTRA EARLY SIX WEEKS.

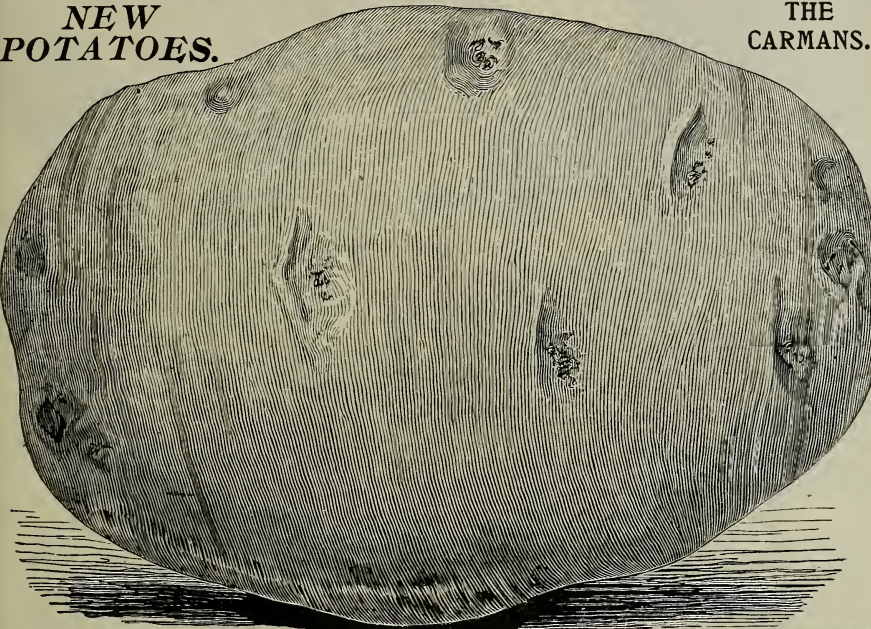
Evidently a seedling of Early Ohio, which it very closely resembles in every way. We have grown it for several years and do not consider it worthy of a separate description. It may be "new blood" Early Ohio. Peck, 40c.; bus., \$1.25; bbl., \$3.50; 3 bbls., \$10.00.

THE QUEEN—A grand variety of recent introduction and worthy of general cultivation; a medium early pinkish white potato of fine quality, yielding large, handsome tubers. ½ peck, 30c.; peck, 50c.; bus., \$1.45; bbl., \$3.75; 3 bbls., \$10.00.

EARLY HARVEST—(New.) Nearly as early as the Early Ohio and a good companion for it. A very early variety which, coupled with large yield, superb quality and fine appearance, makes it most valuable for first early marketing or for home use; of large size, nearly white, eyes, slightly indented, shape oval flattened, sometimes long oval. It originated with Mr. Jerrard, of Maine, from whom we secured our seed last spring. Order early, for our stock is limited. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.00.

SATELLITE—A New Seedling—Now offered for the first time. Several years ago we secured a packet of Choice Hybrid Potato Seed for a customer of ours (Dr. Gregory, of Licking Co.), who is quite an experimenter and is constantly on the look-out for something fine, and from among the many Potato Seedlings he has grown for the last few years, he selected this one as the *best of all*, and gives it the name **SATELLITE**. It has a rough, russety skin; is of good shape, has a beautiful pink colored eye and is of most excellent quality, and so far as tested, we judge it an excellent variety for general cultivation on different classes of soil. Any one adding this to their potato collection will certainly make no mistake. We have but a few bushels, all told, and offer them *very low* for the first year of a *brand new thing*. ½ peck, 40c.; peck, 60c.; bus., \$2.00; bbl., \$5.50; 3 bbls., \$15.00.

NEW POTATOES.



THE CARMANS.

CARMAN No. 3—This new seedling was introduced last season and is one of the greatest yielders of large potatoes that was ever sent out. It bears its tubers very close to the plant, and is therefore easily dug. Its shapely form is all that can be desired. It is a perfect keeper and will not sprout until planting time, unless kept in too warm a place. Skin and flesh very white, eyes few and shallow, late in ripening. ½ peck, 40c.; peck, 60c.; bus., \$2.00; bbl., \$5.50; 3 bbls., \$15.00 while our stock lasts.

CARMAN No. 1—Like Carman No. 3, is a seedling from seedlings, raised from several generations. It resembles the Carman No. 3 in shape, has very few and shallow eyes. The flesh is very white, perfect in quality and very dry. It is a great yielder of large sized tubers and a *Superior Second Early* variety. ½ peck, 30c.; peck, 50c.; bus., \$1.50; bbl., \$4.25; 3 bbls., \$12.00.

EARLY NORTHER—A seedling from a seed ball of the Early Rose, which it resembles, but in yield is more prolific. The eyes are few and shallow. A most desirable sort, for it seems to do well everywhere. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.

WHITE ELEPHANT—A very productive late sort. Grows large, long potatoes, with but few small ones. Has a handsome bluish and white skin. We have a fine selected stock of this variety. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.

DAKOTA RED—Produces very large tubers; the skin is rough and netted, eyes quite deeply set. Will produce mammoth crops on heavy manured land. It is rot proof even when other kinds rot badly. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.

EARLY MAINE—Claimed to be earlier and a better cropper than Early Rose. Smooth and regular in shape. Has been grown on a large scale, to yield 410 bushels to the acre. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.

OTHER VARIETIES—We can usually furnish other varieties not quoted here, at customary prices. Write for prices of any kind wanted; also for **Special Price on large quantities.**

DANDY—A beautiful white skinned, Canadian variety. It is a late variety of good quality, a large yielder, good keeper, not liable to rot. A Michigan grower writes "The Dandies are dandies indeed," and that he grew 25 bushels from one peck. ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.00.

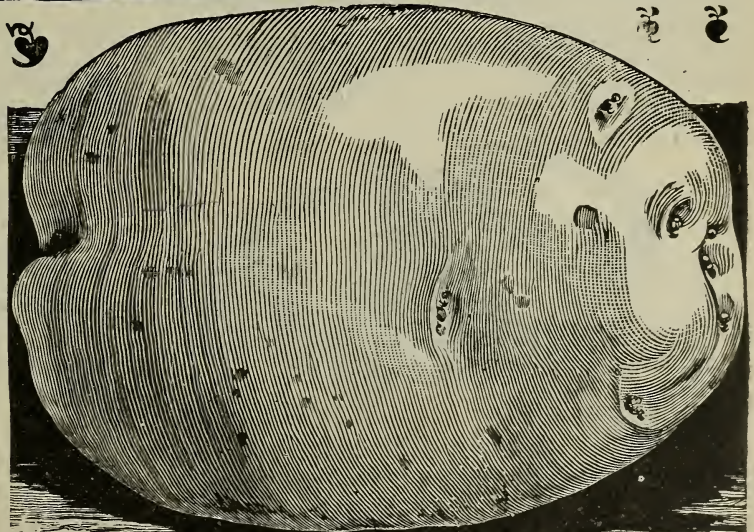
WORLD'S FAIR—Beautiful in appearance, very smooth, eyes few and on the surface so that there is no waste in paring; symmetrical in form, nearly round, creamy white skin covered with netting, quality perfect, tubers good sized and numerous; compact in the hill, and near the surface. Medium early. ½ pk., 25c.; pk., 40c.; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.

FREEMAN—This early variety is oblong and slightly flattened in shape. Has netted skin, shallow eyes, and is unsurpassed for table quality, and with favorable conditions on rich land will yield a good crop. **Genuine Stock.** ½ peck, 25c.; peck, 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.

SIR WILLIAM—A new variety that is claimed to be the best all round cropper on the market. In shape rather long, cylindrical, slightly flattened, eyes strong, few and prominent; skin light buff, flesh white, quality good, medium late. ½ pk., 25c.; pk., 40c.; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.00.

EARLY STANDARD—A splendid variety of fine quality, beautiful appearance and extraordinary in productiveness; free from disease or rot and an excellent keeper. ½ peck, 30c.; peck, 50c.; bus., \$1.50; bbl., \$4.00.

RURAL NEW YORKER No. 2—A good intermediate and main crop potato, distinct in appearance and readily distinguished among other varieties. Very large and smooth, with few and shallow eyes; in form, oblong, inclined to round; flesh white. The vines are very strong, and the yield of handsome tubers of great uniformity of size; is unusually large. ½ pk., 25c.; pk., 40c.; bus., \$1.25; bbl., \$3.00; 3 bbls., \$8.50.



PRIDE OF IRELAND—(Introduced by us in 1891).—A medium late seedling, having very good keeping and cooking qualities; increases in general favor annually. The skin is very white with a sort of light, russety netting; the flesh is white and of good quality. It cannot fail to satisfy the grower who wants a heavy yielder, big potatoes, and no small ones worth mentioning. **Michigan Grown Stock**—½ pk., 25c.; pk., 40c.; bus., \$1.10; bbl., \$3.00; 3 bbls., \$8.50.

FREE

Any purchaser of a barrel or more of Potatoes, at the prices quoted, may order any one of the following articles and it will be sent with the Potatoes free of charge:

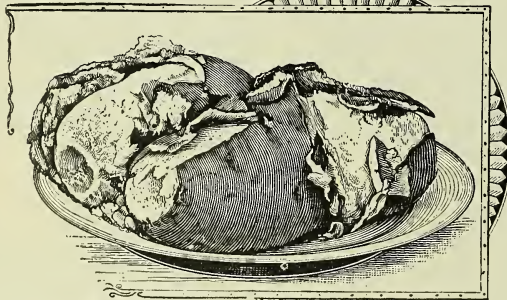
- (1) A **CONCAVE POTATO KNIFE.**
- (2) **POTATO BOOK**—"Terry's A. B. C. of Potato Culture," an excellent work by this noted Potatoist.
- (3) "**THE NEW POTATO CULTURE**," by E. S. Carman.
- (4) A **PACKET OF POTATO SEED.**

FREE



The above 27 potatoes were produced by Mr. D. F. Miller, a noted potato grower of Illinois, who sent us the photograph from which we had the engraving made. We do not wish to convey the idea that this variety produces potatoes averaging over two pounds each, as this size would be *inconvenient* in most cases, but it shows what is possible under good cultivation. When we introduced this variety eight years ago, we offered a prize for the best bushel containing the least number of potatoes. The prize bushel contained 43 very beautiful potatoes, but Mr. Miller has far exceeded this record, and his specimens are in fine form and shape, not prongy and ill-shaped, as is usual when overgrown in size. When we consider the past very unfavorable season, and that Mr. Miller was not striving for a prize, it will be seen that the results are remarkable indeed.

SENECA BEAUTIES.



READY FOR THE TABLE.

SENECA BEAUTY POTATO—

(Introduced by us in 1889).—This grand good medium late potato was first offered to the public by us eight years ago, and *too much* has never been said in its praise; in fact, every few days some grower speaks of it, and the general remark is, "It should be more generally known," or "You have never pushed this variety as it deserved." Its fine and distinct appearance sells it in any market, and its fine table qualities please all classes of customers. The tubers are large to very large, and very smooth, with few eyes close to the surface and of beautiful pink color, uniform in size and shape, scarcely any small ones. Vines rank and healthy, and loaded with beautiful blossoms. *Table qualities unsurpassed.* It has shown but very little tendency to blight. A good keeper and heavy cropper. One point in its favor which every grower will appreciate is its distinct appearance in shape and color, on which account it can be kept pure and is easily selected, even if mixed with a dozen other kinds. We have never been able to supply the demand for the seed of this variety, and have always had orders to return at the close of the season. We have only a fair supply this season, and offer them as follows while our stock lasts: Michigan Grown Stock— $\frac{1}{2}$ pk., 25c.; pk., 40c.; bus., \$1.25; bbl., \$3.25; 3 bbls., \$9.00. Ohio Grown Stock— $\frac{1}{2}$ pk., 25c.; pk., 40c.; bus., \$1.10; bbl., \$3.00; 3 bbls., \$8.50.



POTATO EYES, *By Mail, Postpaid.*

A MONEY SAVING PLAN FOR CUSTOMERS.

This will enable farmers and others living at a great distance from our store to test some of our best varieties at trifling cost. We guarantee the *safe arrival* of each package in good growing condition, postpaid to any address in the United States. Should they not arrive in good shape *we must be notified promptly.* A collection of 160 Eyes, under favorable circumstances, should produce at least ten to fifteen bushels of fine potatoes, which is certainly good return for a dollar outlay.

EARLY POTATO EYE COLLECTION.

40	EYES OF EARLY HARVEST.	}	160 EYES ALL FOR \$1.00.
	EYES OF EARLY NORTHER.		
	EYES OF WORLD'S FAIR, Medium.		
	EYES OF CARMAN No. 1, Medium.		

MAIN CROP POTATO EYE COLLECTION.

40	EYES OF DANDY.	}	160 EYES ALL FOR \$1.00.
	EYES OF SATELLITE.		
	EYES OF CARMAN No. 3.		
	EYES OF LIVINGSTON'S BANNER.		

Two Full Collections, one of each, if desired will be sent for \$1.75, postpaid.

Livingston's
Banner
Potato,

See Novelty List.

HYBRIDIZED POTATO SEED.



Seed Balls.

We offer a very choice strain of **Potato Seed**, the product of numerous hybridizations between many of the best new and old varieties in cultivation. We frequently purchase promising Seedlings grown from seed purchased of us.

Price (postpaid), 25c. per packet; 5 packets, \$1.00. Full directions for planting, cultivation, etc., on each packet.

D. O. Frayer, Greenwich, Ohio. "My package of Potato Seed more than answered my expectations. I raised 48 hills, yielding from 2 to 71 potatoes to the hill, ripening from August 5 until vines were killed by frost. The largest round potato measured $2\frac{1}{4} \times 2\frac{1}{4}$ inches; the longest $4\frac{1}{2}$ inches; the heaviest weighed four ounces, and the heaviest hill 19 ounces."

John Parks, New Madison, Ohio. "Out of the packet of Potato Seed bought of you last spring I have 15 lbs. 11 ozs. of potatoes—nice ones—some as large as hen's eggs."

SWEET POTATOES.

Jersey Grown—Specially packed and stored over winter for us, for sprouting purposes, in the State of New Jersey. We have been using and selling this stock for over twenty-five years and find the potatoes much dryer and sweeter than those grown from any *Western group seed*. We repack before shipping, but we wish it distinctly understood that customers take **ALL RISKS** after we deliver in good condition to the Express or Railroad Co. here. We send NO "SWEETS" C. O. D.

Our barrels contain three bushels—good measure. We do not ship until about planting time.

YELLOW JERSEYS—50c. per peck; $\frac{1}{2}$ bus., 90c. bus., \$1.50; bbl., \$3.75.

RED JERSEYS—The best of all Reds. Does well in all varieties of soil, North and South. A great yielder, and keeps well. A smooth potato with yellow meat. Peck, 60c.; $\frac{1}{2}$ bus., \$1.00; bus., \$1.75; bbl., \$4.50.

EARLY CAROLINA—Of a bright yellow color, fine grained. Especially desirable for Northern sections. Peck, 60c.; $\frac{1}{2}$ bus., \$1.00; bus., \$1.75; bbl., \$4.50.

"UP RIVERS"—A Select Strain of smooth, short (chunky) Yellow Jerseys. Yields 25 to 50 per cent. more marketable stock, and sells from 25 to 50 cents per barrel higher than any other, and is decidedly a better eating potato. Peck, 60c.; $\frac{1}{2}$ bus., \$1.00; bus., \$1.75; bbl., \$4.50.

PLANTS—We grow Plants by the million. Write for prices in season. (See Vegetable Plant Department.)

Plants by Mail (postpaid)—Well rooted Plants or Slips, ready about May 1, at 60c. per 100.

THE ABOVE PRICES are about what will rule, we think, but as there is liable to be a shortage of good seed about planting time the prices here quoted are subject to market change after about March 1.

WE WILL MAKE SPECIAL PRICES FOR LARGER QUANTITIES ON APPLICATION. DON'T FAIL TO WRITE US BEFORE YOU BUY.

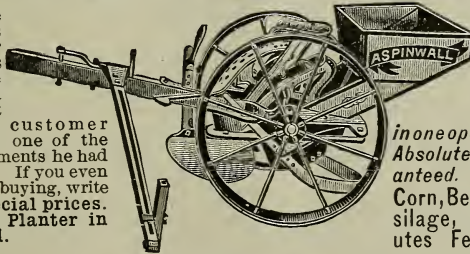


"FORTY YEARS' EXPERIENCE WITH SWEET POTATOES."

By **WALDO F. BROWN**. The most practical and valuable work on the subject. Tells how to make beds, grow plants, set same, cultivate, harvest, store the crop, etc. Anyone can grow Sweet Potatoes without any trouble, if they will follow Mr. B.'s carefully written directions. It is the *short cut* for a new beginner and a help to many old growers. Only 20 cents, postpaid, or FREE with all orders for a barrel or more of "Sweets," providing customers ask for it with their order.

ASPINWALL POTATO PLANTER.

We have sold this Planter for five years and have never sold one but what the customer thought it one of the best investments he had ever made. If you even anticipate buying, write for our special prices. The best Planter in the world.



6 to 8 Acres planted per Day, in one operation. Absolutely guaranteed. Plants Corn, Beans, Ensilage, Distributes Fertilizer.

ASPINWALL POTATO CUTTER.

Cuts Potatoes for Seed faster than eight men can by hand. Preserves the eyes. Pays for itself in one day. No fingers cut. Seed ends taken off.

A Great Tool for Cutting up Roots for Stock.

Simple in construction. Thousands in use. Fully warranted. Price and merit sell it.

Exclusive Columbus Agents.

Write Us for Prices.



Bed of Knives.

Cutter Complete.

ALSO SPRAYER AND SORTER FOR SALE.

LIVINGSTON'S BANNER POTATO, See Novelty Pages in Front.

Geo. Graham, Waco, Texas, July 11, 1895: "All your seeds are true, and so long as you maintain your present standard of excellence, combining with a moderate price, liberality in quality and extras, you shall have my custom and any others I have induced to try you."

Allen Frost, Rich Hill, O., May 21, 1895: "I used your seeds last year for the first time and never had better success, although we had such a dry season, but I have planted your Seneca Beauty Potatoes for five or six years past and consider them away ahead of any other potato I ever planted, both for yield and quality."

Isam Essex, Montgomery, Ala., June 11, 1895: "I want to express my entire satisfaction with the seeds. They came up to every recommendation. The yield of potatoes has been remarkable. I am delighted with your seeds."

Mrs. Spofford Utter, Syracuse, N. Y., October 8, 1895: "I have bought some Tomato Seeds of you and gave some of the plants to my friends. You ought to hear what they say, 'Never saw such nice tomatoes.' Four of them made all one family could eat; they are so large and nice."

A SELECT LIST OF... CHOICE FLOWER SEEDS.

OUR FLOWER SEED LIST has been carefully revised, some new kinds added and all inferior kinds cast out, so that there is nothing in the list but what is worthy of cultivation, and, if reasonably well cared for, will give satisfaction. Our flowerseed trade has increased very rapidly the last few years, which is very gratifying to us, as it speaks well for the quality of the seed we send out. Look it over carefully and add at least a few packets to your vegetable seed order.

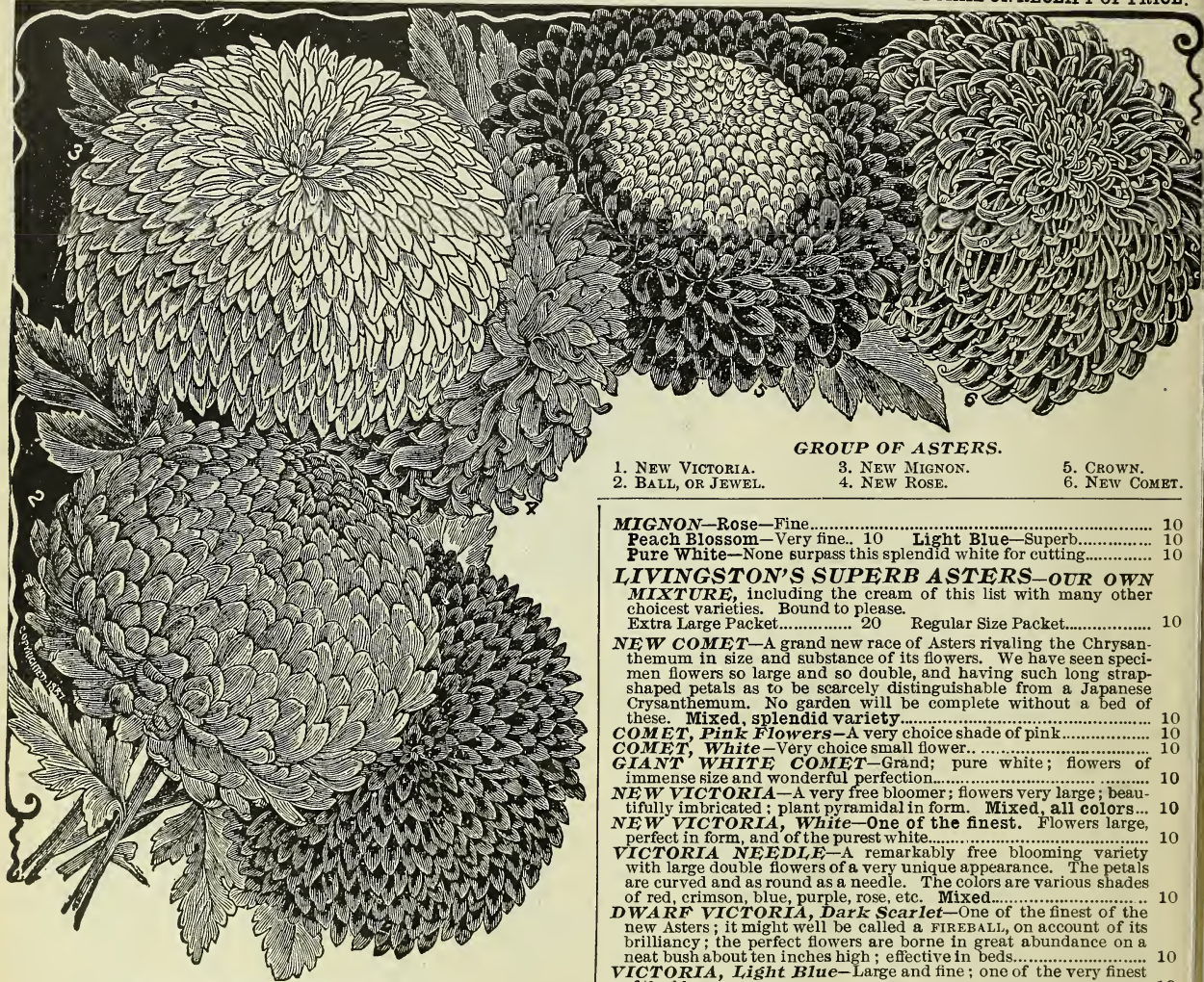
Flowers are usually divided into Annuals and Perennials. Annuals are those that bloom and ripen seeds the first year, then die. Among these may be found some of our most brilliant and fragrant flowers. In fact, if you want flowers early in the season, and all the time until frost, a good selection of Annuals will not disappoint you.

Perennials are those that endure our Northern winters with little or no protection, and live and bloom for several years in succession. A large majority of the Perennials will bloom the first year if started soon in the spring.

The figures at the right, opposite each variety, denote the price in cents per packet.

Discounts { For 25 Cents select 6 Five-Cent or 3 Ten Cent packets.
 on Packet { For 50 Cents select 14 Five-Cent or 7 Ten Cent packets.
 Flower { For \$1.00 select Packets to the amount of \$1.30.
 Seed. { For \$2.00 select Packets to the amount of \$2.75.
 For \$5.00 select Packets to the amount of \$7.50.

ALL FLOWER SEEDS SENT FREE BY MAIL ON RECEIPT OF PRICE.



GROUP OF ASTERS.

- 1. NEW VICTORIA.
- 2. BALL, OR JEWEL.
- 3. NEW MIGNON.
- 4. NEW ROSE.
- 5. CROWN.
- 6. NEW COMET.

MIGNON—Rose—Fine.....	10	
Peach Blossom—Very fine. 10	Light Blue—Superb.....	10
Pure White—None surpass this splendid white for cutting.....	10	

LIVINGSTON'S SUPERB ASTERS—OUR OWN MIXTURE, including the cream of this list with many other choicest varieties. Bound to please.
 Extra Large Packet..... 20 Regular Size Packet..... 10

NEW COMET—A grand new race of Asters rivaling the Chrysanthemum in size and substance of its flowers. We have seen specimen flowers so large and so double, and having such long strap-shaped petals, as to be scarcely distinguishable from a Japanese Chrysanthemum. No garden will be complete without a bed of these. **Mixed, splendid variety**..... 10

COMET, Pink Flowers—A very choice shade of pink..... 10

COMET, White—Very choice small flower..... 10

GIANT WHITE COMET—Grand; pure white; flowers of immense size and wonderful perfection..... 10

NEW VICTORIA—A very free bloomer; flowers very large; beautifully imbricated; plant pyramidal in form. **Mixed, all colors**..... 10

NEW VICTORIA, White—One of the finest. Flowers large, perfect in form, and of the purest white..... 10

VICTORIA NEEDLE—A remarkably free blooming variety with large double flowers of a very unique appearance. The petals are curved and as round as a needle. The colors are various shades of red, crimson, blue, purple, rose, etc. **Mixed**..... 10

DWARF VICTORIA, Dark Scarlet—One of the finest of the new Asters; it might well be called a FIREBALL, on account of its brilliancy; the perfect flowers are borne in great abundance on a neat bush about ten inches high; effective in beds..... 10

VICTORIA, Light Blue—Large and fine; one of the very finest of the blues..... 10

DWARF VICTORIA, Mixed—A fine class of Half Dwarf Asters; for size, range of color and profusion of bloom it is unsurpassed..... 10

NEW ROSE—Magnificent flowers, in shape and size rivaling the finest roses. A great variety of brilliant colors, making a beautiful display. Robust habit; blossoms profusely, covering the plant; remains in perfection nearly a month. We import this seed from a celebrated German grower, and it can be relied upon to produce the finest flowers; 18 inches high. **Mixed**..... 10

NEW ROSE—White.. 10 **Dark Blue**.. 10 **Light Blue**.. 10

CROWN WHITE CENTER—Flowers of this beautiful class are two-colored; the center of each pure white, with the petals of bright colors, as crimson, carmine, blue, violet, etc.; full, double, of handsome shape, contrasting finely in color with the Rose and Perfection classes; 1½ to 2 feet. **Mixed Colors**..... 10

DWARF PYRAMIDAL BOUQUET—A magnificent dwarf variety; a single plant forms a complete bouquet of pyramidal shape, and covers itself with blossoms almost hiding the foliage. Fine for edging and small beds. **Many distinct colors mixed**.. 10

GERMAN QUILLED—Well-known favorite and very distinct sort. Many varieties in finest mixture..... 5

ASTERS—Fall Roses.

This has become one of the most popular, beautiful and effective garden plants, growing from ten to eighteen inches high. For profusion of flowers and richness of display the Asters are unrivaled and constitute the principal adornment of our gardens during the autumn. Sow the seed early in spring, under glass or in pots in the house, and transplant into rich soil about one foot apart, according to height of plants. Splendid for bedding, border and pot culture.

JEWEL, or BALL—A magnificent class obtained from the well-known large-flowered Paony Perfection. It distinguishes itself at first sight by its beautiful short-petaled and perfectly round flowers, which may be compared with the finest incurved Chrysanthemums. Flowers, measuring from 2½ to 3 inches across, are as round as a ball, and being borne on long stems are very useful for cutting and bunching; about 24 inches high. **Mixed**..... 10

MIGNON—A new Aster of great beauty; resembles the Victoria class in habit of growth, but excels it in free blooming. Plants about fifteen inches high; flowers of good size, reflex petals and very double. It is splendid in pots or the open ground. Undoubtedly one of the finest for cut flowers. **MIXED—New Shades**..... 10

ASTERS—Continued.

SNOWBALL, or WHITE PRINCESS—A new and very distinct Aster. Every plant produces about thirty pure white flowers, which are semi-spherical with short petals lying scale-like upon each other, resembling a Dahlia flower. Its elegant, faultless shape makes it valuable as a cut flower; the cut flowers are very durable... 10

TRUFFAUT'S IMPROVED PÆONY-FLOWERED—Perfection, the most perfect type of Pæony-Flowered Asters. 1½ to 2 feet. Hard to surpass in size of flowers, brilliancy of color and habit of growth. The flowers are of very large size and fine form, perfectly double, the petals beautifully incurved. The colors are peculiarly rich and brilliant, and the refined form of the flower attracts great attention. Mixed, many exquisite colors..... 10

Separate Colors—White...10c. Rose..... 10
 Dark Blue—Extra fine.....10c. Crimson—Finest of all Reds.. 10
 Azure Blue.....10c.

NEW TRIUMPH—Bears many large flowers of great beauty..... 10

WASHINGTON—Largest Flowering of All, frequently measuring four or five inches in diameter; very fine and of lovely color; 2 feet. Choicest mixed..... 10

WASHINGTON—New Scarlet—Very fine; flowers beautiful and of immense size..... 10

WASHINGTON—Dark Blue—One of the very best Blues..... 10

WASHINGTON—Silver Gray—Large and very fine..... 10

QUEEN OF THE MARKET—A new class, characterized by extreme earliness and the great profusion of their flowers; these are borne on long stems and in great variety of colors, making them extremely useful for cutting. Choice variety of colors, Mixed, 10c.; Pure White, splendid for cut flowers, 10c.; Pink, splendid, 10c.; Blue, very fine..... 10

QUEEN OF THE EARLIES—Earliest of all Asters—Resembles somewhat the Queen of the Market, but blooms about two weeks earlier; of low growth; good sized flowers on long stems. Mixed, 10c.; Pure White..... 10

DWARF QUEEN—The finest Dwarf Aster; excellent for pots and borders, and one of the most beautiful classes of all Asters. Choice Colors Mixed, 10c.; White..... 10

NEW WHITE BRANCHING—(Vick's)—An American variety of branching character. Its magnificent large flowers are pure white, borne on long stems; excellent for cutting; an abundant late bloomer..... 10

UHLAND GLOBE—Pæony-Flowered—Excellent; very large flowering; Mixed colors..... 10

ABUTILON.

Flowering Maple, or Chinese Bell Flower—Universally admired; few are aware how easily they can be raised from seed, and how beautifully they flower the first season if seed is sown early; seed should be started in the house and the young plants set out in the garden, but not until the weather is warm and settled. They grow rapidly and make fine large shrubs, bearing elegant bell-shaped flowers. They bloom freely in winter in the house. Choice mixture..... 10



Hybrid Abutilon.

ANCHUSA.

A splendid bouquet flower, of long duration, producing azure-blue forget-me-not-like flowers; if sown early, blooms the first season, growing freely in shaded situations; hardy perennial; two feet. *Capensis*..... 5

AMARANTHUS.

Of remarkably handsome foliage and interesting flowers, producing striking effect in the border as a background, or as centers of beds. The seeds may be sown in the open border, or in a hot-bed, which is recommended; transplant about the first week in June. Produces the most attractive and brilliant foliage upon poor soil; transplant to twenty inches. Half hardy.

Caudatus (Love Lies Bleeding)—Long drooping "chains" of flowers; pretty for decorating..... 5

All Kinds Mixed..... 5

AMPELOPSIS.

There are few plants of more value than the hardy or perennial climbers. Once planted they remain, and get larger and better every season. Invaluable for covering old stumps, arbors, trees, etc., and should be used freely.

Ampelopsis, Veitchii, "Japanese Ivy," or "Boston Ivy"—A most beautiful climber, clinging very firmly to the sides of a house or wall, and soon forms a most perfect mass. On this account, and the beauty of its foliage, it gives excellent satisfaction..... 5

ACROCLINUM.

A beautiful Everlasting Flower, strong growth, about 18 inches high, and bears a great number of rose and white daisy-like flowers with a yellow center. Should be gathered the first day they open, or before they are open, and dried in the shade, to secure a bright center. Rose and White, Mixed..... 5

ABRONIA.

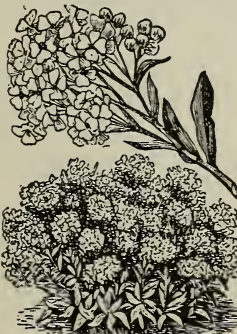
Trailing plants with Verbena-like flowers; leaves light green, of long oval shape; the stem is fleshy, lying prostrate on the ground. May be trained to sticks or left in its natural mode of growth. Peel off the husk before sowing. Very fragrant, and in bloom a long time. Transplant to one foot apart. Rosy lilac flowers. Half hardy annual.. 5

ASPERULA.

Finely adapted for bouquets, by reason of its shape, size, and delicate color—a light blue or lavender. For button-hole bouquets nothing will be in request oftener than this. Remains fresh a long time. Blooms from July till after severe frosts. One foot. **Azurea Setoso**..... 5

ALYSSUM.

The delicate honey-like fragrance of the flowers of this little plant, so much prized in bouquets, basket and design work, renders it most unlikely that this old favorite will ever be cast aside. Easy culture; blossoms all summer; 12 inches.



Sweet Alyssum.

Sweet Alyssum—White; very sweet; one foot. Oz., 30c..... 5

Little Gem—Of very compact growth, 3 or 4 inches high, but a single plant will cover a space up to three feet in circumference. It grows quick from seeds and the plants will bloom when quite young. The abundance of flowers is simply enormous, 300 blossoms have been counted on a single plant..... 10

Golden Saxatile—A free growing, dwarf, hardy perennial. Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high. Showy for permanent borders and beds..... 5

ADLUMIA—(Mountain Fringe, or Allegheny Vine).

An attractive climbing plant with feathery foliage and rose-colored blossoms. *Cirrhusa*..... 10

AGERATUM.

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; blooms the whole summer; also good for winter blooming; of easy culture, succeeding in any soil. Half hardy annuals.

Conspicuum—Fine white flowers; 18 inches..... 5

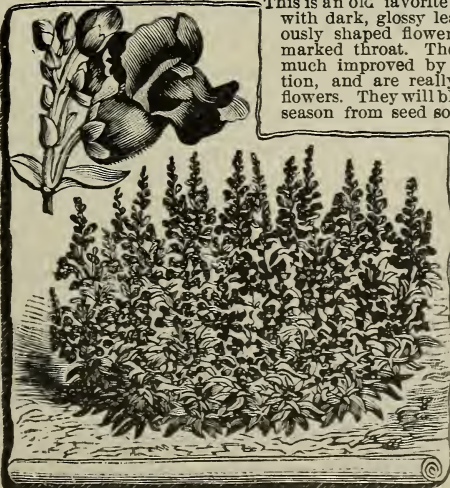
Imperial Dwarf Blue—Very dwarf; 6 inches..... 5

Lasseauxii—Dwarf rose; valuable for cutting; 15 inches..... 5

Mexicanum—Lavender blue; 2 feet..... 5

ANTIRRHINUM—(Snap Dragon.)

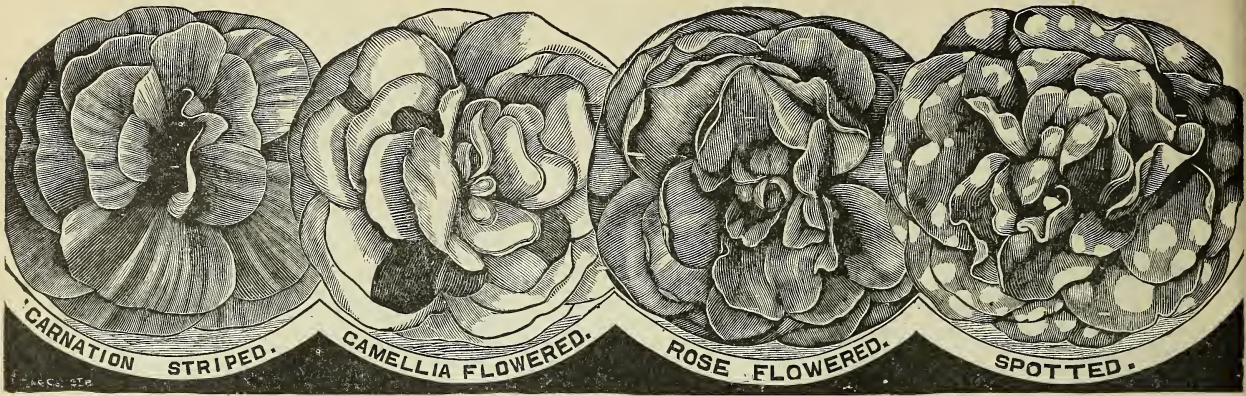
This is an old favorite border plant, with dark, glossy leaves and curiously shaped flowers, with finely marked throat. They have been much improved by careful selection, and are really magnificent flowers. They will blossom the first season from seed sown in spring, but the blossoms will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial. 2 feet high.



Tall, Mixed.... 5

Choice Striped, Mixed..... 10

Tom Thumb—Dwarf, growing only one foot..... 5



BALSAMS. "Lady Slippers." "Touch-Me-Nots."

These are old favorites with every one, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted into a rich soil in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varieties. They can be pruned to any form desired, to two or three, or even one branch. *Tender Annuals.*

LIVINGSTON'S PREMIUM BALSAMS.

Extra Double and Very Large Flowers—We beg to call special attention to the excellence of this unequalled strain. The flowers are immense in size, of fine form, and as double as a Camellia, which they resemble. The colors are as varied and brilliant as could be desired, even by the most fastidious; so double that it is a very shy seeder. **Livingston's Premium Mixture**—7 pkts., \$1; 3 pkts., 50c. 20

DOUBLE CAMELLIA FLOWERED BALSAMS.

Fine Balsams are one of our specialties, and we have taken special pains to secure the most double and largest flowers in the most distinct and striking colors.

- Victoria**—Satin white, spotted with scarlet..... 10
- Solferino**—White, beautifully striped and spotted lilac and scarlet 10
- Double Spotted**—In splendid mixture..... 10
- Double Camellia-Flowered**—Best Mixed—From the above and other kinds..... 10
- Double White Perfection**—Flowers snow-white, as round as a dollar, of immense size and thoroughly double..... 10
- Double Rose-Flowered**—Not as choice as Camellia-Flowered, but a very good strain and one of the best for florists' use. Choice mixed 5
- Carnation Striped Balsams**—Very pretty and attractive, but not quite so double as the Camellia Flowered. **Finest Mixed**, many colors..... 5
- Double and Semi-Double Mixed**—All colors..... 5

BALLOON VINE.

Cardiospermum Halicacabum, or Balloon Vine, is a curious half-hardy annual. Sow seed under glass, and if planted in the garden find it a sheltered situation..... 5

BEGONIAS. Tuberos Rooted.

These are among the handsomest of our summer flowering bulbs; very popular; easily grown from seed if care is taken not to wash out the little seedlings when watering. They are covered the whole summer with bright and elegant drooping flowers; blooms the first season from seed if started in February or March in pots of fine soil. As soon as the second leaf appears prick off into flats or small pots filled with any good loose soil. Keep them slightly shaded from the direct rays of the sun and as near the glass as possible. In the fall take up the tubers and put in the cellar the same as you would a Dahlia.

- Double, Mixed**—Very choice..... 25
- Single, Mixed**—Very choice..... 20

FIBROUS ROOTED BEGONIAS.

NEW VERNON—(*Semperflorens Atropurpurea*)—This new and distinct variety of the *semperflorens* class is altogether the best that has yet been produced. The plant grows to a medium size, of compact habit and very hardy; easily grown either in the house or open ground. The leaves are a glossy green color, margined with bronze, and the flowers rich, brilliant red, and borne in the greatest abundance. A well-grown plant in a pot is one of the best ornaments to a conservatory or parlor, while a large bed of them in the garden will be the admiration and delight of all beholders..... 3 packets, 25c. 10

Begonia—**Rex Hybrids**—Large ornamental leaves of dark green, bronze, gold and red. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and are well adapted for baskets. **Mixed**..... 25



Brachycome.

BRACHYCOME—

(Swan River Daisy.)

Free-flowering, dwarf plants covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds or pot culture. Half hardy annual.

Light Blue and White Mixed..... 5

BALSAMINA.

Very curious vine with ornamental foliage, fruit golden yellow, warted, and, when ripe, opens, showing its brilliant carmine interior; fine for rockwork; ten feet.

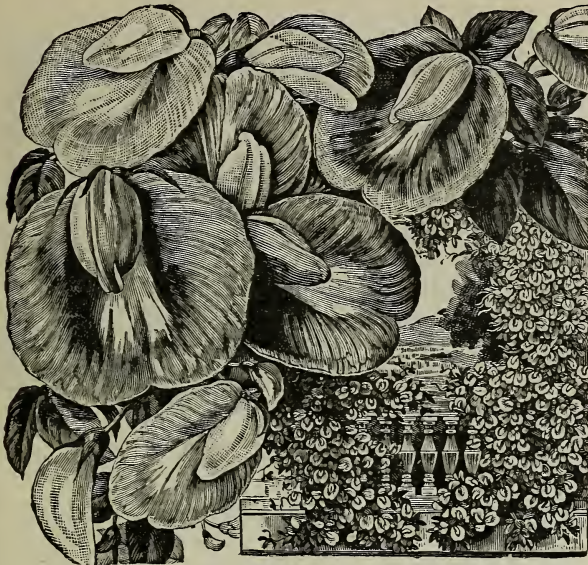
- Balsam Apple**.....Per oz., 25c. 5
- Balsam Pear**.....Per oz., 25c. 5

BARTONIA.

Produces showy flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. It does not bear transplanting. Hardy annual; two feet. **Aurea**—golden yellow... 5



Tuberos-Rooted Begonias—Single



CENTROSEMA GRANDIFLORA.

A new climber. Is a perfectly hardy perennial vine of exquisite beauty; blooms in June from seed sown in April, and bears in great profusion, inverted, pea-shaped flowers, ranging in color from a rosy violet to a reddish purple, with a broad, feather-white marking through the center. The large buds and backs of the flowers are pure white, making it appear as if one plant bore different colored flowers at one time. Flowers are produced in great abundance. Blooming stems placed in water remain fresh many days. Soak seed in warm water over night before sowing. Packet, 10c.

CENTAUREA CYANUS, Or BACHELOR'S BUTTON.

(Corn Flower, Blue Bottle, Ragged Sailor, etc.)—Very old favorite hardy annual; flowers freely in almost any situation; for cut flowers they are largely used both in Europe and this country, a little bunch of the blue Corn Flower being a favorite boutonniere.

- Cyanus—Pure White; very fine..... 10
- Cyanus—"Bluet," or Emperor Flower. Fine dark blue..... 5
- Bachelor's Button—A choice mixture..... 5



Centaurea, Marguerite.

- New Centaurea, Marguerite—A beautiful new annual. It is the handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance..... 10
- New Double—Many new and novel colors of large double, globe-shaped flowers in Choicest Mixture..... 5
- Sauveolens—Fragrant, bright yellow..... 5

CENTAUREA—Continued.

WHITE LEAVED OR DUSTY MILLER VARIETIES.

Valuable for ribbon-bedding, the silvery whiteness of the leaves being effective with other colored leaved plants. Half hardy perennial.

- Gymnocarpa—One of the best; white foliage; 1½ feet..... 5
- Candidissimi—Round, compact plants; silvery white; one foot..... 10

COLUMBINE—(Aquilegia).

Exceedingly showy, early blooming, hardy plants, especially valuable for the peculiar formation of their flowers and the great variety of color. Hardy perennial.

- Chrysantha—Bears through the season an abundance of bright golden yellow flowers..... 5
- Double, Mixed—Best and finest colors..... 10

CALENDULA.

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; one foot high.

- Meteor—Large, double yellow, striped orange..... 5
- Choice Mixed..... 5

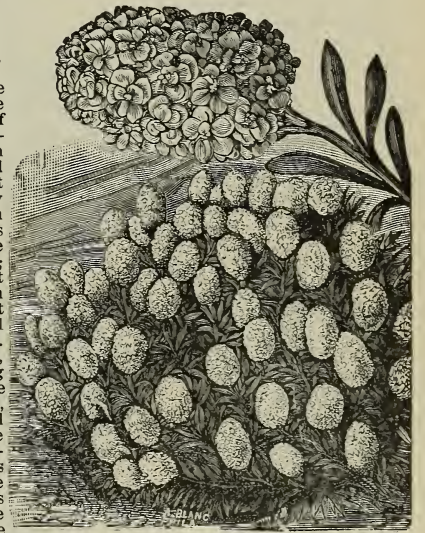
CLARKIA.

The Clarkia is held in great estimation in Europe, and especially in England, where it is as common as the Candytuft. The flowers are very pretty and of many colors, double and single. As the plant is apt to suffer in our hot, dry summers, it is better to sow the seed in September, and the plants will be large enough by spring to make good bloom. Hardy annual; 1½ feet high.

- Double and Single Mixed..... 5

CANDY-TUFT.

The Candytufts have long been among the most highly prized of garden flowers, and cultivation has done much in producing improved varieties. The best effect is produced by raising the plants in masses, and the seeds are sown where the plants are to bloom; sow in rows six or eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich, and when blooming time comes keep the plants well watered, especially if it should be a dry time. The plants are very branching, and it is sometimes necessary to prune away some of the shoots in order to increase the size of the flowers. The Rocket Candytuft grows in compact spikes; the new dwarf varieties are only about six inches in height, and their season of blooming is very long.



Candytuft.

- New Empress—A magnificent variety, with enormous heads of pure white flowers..... 10
- White Rocket..... Oz., 20c. 5
- Dark Crimson—Beautiful color..... Oz., 20c. 5
- New Dwarf Hybrids—Of dwarf habit and perfect shape, abundant flowers, from pure white to dark purple..... 5
- Tom Thumb—White; very dwarf; four to six inches high. Sown early will bloom in June..... Oz., 25c. 5
- Umbellata Lilacina—Purple lilac..... 5
- New Carmine—Dwarf plants with vivid carmine flowers..... 5
- White Fragrant..... Oz., 20c. 5
- Mixed, All Colors..... Oz., 20c. 5

CACALIA—(Tassel Flower).

Also known as "Flora's Paint Brush." A showy plant of easy culture, producing beautiful scarlet and golden-yellow tassel-shaped blossoms. Sow early in spring in open ground; they bloom from early summer until autumn; valuable for small bouquets. Half hardy annual; 1½ feet high. Mixed..... 5

CATCHFLY—(See Silene).

CANNA

(Indian Shot.)



French Cannas.

The Cannas are the coming plants of our gardens. The demand for them is rapidly increasing. They are erect, stately plants from two to six feet in height, with ample and elegant foliage. The leaves are green in some varieties and in some purplish and reddish. The flowers are bright colored—red or yellow—and variously marked, and peculiar and handsome in form. Plants once obtained can be kept from year to year, dividing them as they increase in size; on the approach of frosts they must be taken up, like Dahlia roots, and after lying out a few days to dry off, they can be stored away until spring in a cellar. The seeds are very hard and some soak them in warm water for several

hours before planting; but the best way is to file a hole just through the shell, thus allowing the passage of water to the seed, which, in swelling, breaks the hard covering. The French Hybrid Cannas, though no better as foliage plants, have much larger flowers.

- Choice Mixed (Old Types)—Many kinds..... 5
- Dark Leaved Varieties—Splendid Mixture..... 5
- Crozy's New French Hybrids—Saved from the handsomest of the new varieties of the successful grower. Most of them are very dwarf in habit, early bloomers, and very remarkable for beauty of both flower and foliage..... 10
- Madame Crozy—Great clusters of vivid vermilion scarlet flowers with deep golden-yellow borders. One of the best. Three feet..... 15

CAMPANULA.

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings and ribbon-gardening.



Campanula.

- Speculum—(Annual)—A double blue variety of Venus' Looking Glass; fine for cutting and bouquets; six inches..... 10
- Carpatia—Free-flowering, blue and white, continuing in bloom the whole season; six inches. Mixed..... 5
- Calycanthemum (Cup and Saucer)—This is the finest variety of Campanula, producing plants with flowers resembling a cup and saucer. A Splendid Mixture of blue, white, striped, etc..... 10
- Single (Canterbury Bells)—Beautiful large bell-shaped flowers; effective plants for pot culture; hardy biennial, 2½ feet. Mixed... 5
- Double (Canterbury Bells)—All the double Media varieties. 2½ feet. Mixed..... 5

CYCLAMEN.

These elegant greenhouse perennials have been vastly improved of late years. Our strain is selected from the improved English sorts, and is conceded to be unsurpassed. Cyclamen seed sown early will bloom the following winter. We can supply the blooming Bulbs. (See Bulb Pages.)

- Persicum—A superior strain. Mixed colors..... 10
- Giant Persian—A magnificent strain, with large flowers and large beautifully marked leaves. Mixed Colors..... 30

CALLIOPSIS

COREOPSIS.

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture, as they grow rapidly, require no care and thrive in any garden. They make brilliant groups or low screens. Seed grows very readily and may be sown where plants are wanted to flower.



CALLIOPSIS GOLDEN WAVE

Golden Wave (Drummondii)—Bushy, compact plants, covered all summer with hundreds of bright golden flowers, two inches across, distinctly marked with dark brown center..... 5

Coronata—A showy variety with brightest yellow flowers of large size. The flowers are slightly spotted with red and borne on long erect stems..... 5

Dwarf Blood-Red—Dwarf bushy plants, deep blood-red flowers... 5

Hybrida Double—Rich velvety maroon, bordered yellow; flowers are double and semi-double..... 5

Tall Sorts, Mixed..... Pkt., 5c. Dwarf Sorts, Mixed..... 5

Lanceolata—(New Golden Coreopsis)—One of the most showy hardy perennials grown, forming tall plants two to three feet high, and bearing in great profusion for a long period during the summer large flowers of bright golden-yellow. Unequaled for cutting. Grows anywhere..... 10

Grandiflora—Very large golden-yellow flowers; splendid for cutting. Hardy perennial..... 10

CANARY BIRD VINE.

One of the most desirable climbing plants, growing rapidly to a height of ten feet; produces an abundance of bright yellow fringed flowers which resemble a canary bird with extended wings..... 5

CUPHEA.

CIGAR, OR FIRECRACKER PLANT.

A favorite bedding plant, familiarly known as Cigar Plant on account of its fancied resemblance to a lighted cigar. 1½ feet.

Miniata—A pretty little annual for pots or the garden, bearing numbers of curiously shaped flowers, of a bright vermilion scarlet..... 5

Platycentra—Scarlet. Tender perennial..... 10

CHRYSANTHEMUM.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, distinct from autumn-flowering varieties.



Chrysanthemum.

ANNUAL VARIETIES.

Burridgeanum—White center, crimson band; beautiful..... 5

Gladstone—Brilliant crimson. Very showy..... 5

Golden Feather—White, banded crimson, inner ring canary yellow, maroon eye..... 5

Coronarum—Choice double. White, Yellow and mixed..... each 5

Inodorum Flore Pleno—Best new sort, with large double white flowers; excellent for cut flowers..... 5

Carinatum—Single. Finest Mixed..... 5

Carinatum—Double. Finest Mixed..... 5

PERENNIAL CHRYSANTHEMUMS.

The following varieties are for pot-culture, for blooming in the house in winter, and for florists for cutting for bouquets.

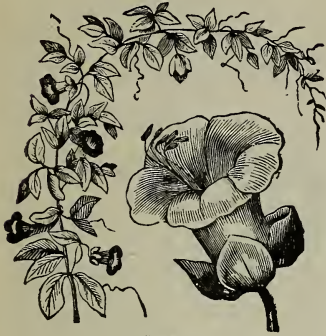
Japonicum—These are gorgeous autumn flowering plants. Quite distinct from the old varieties in style of flowers. Seed sown early will produce strong flowering plants the first year. The seed we offer is from a choice collection of named varieties.

Double Superb Mixed—All types..... 25

Double Good Mixed—All types..... 15

Early Flowering Varieties—Very fine..... 25

Frutescens—("Marguerite" or "Paris Daisy")—This variety, under the name of Marguerite, has obtained great popularity among florists. The pretty star-shaped white flowers are freely produced; the plant will grow under almost any circumstances.... 10



Cobæa.

COBÆA.

A fine rapid growing annual climber, with handsome foliage and large, beautiful bell-shaped flowers. Seeds should be started in a hot-bed or by a warm window in the house, in rather dry soil, as they are apt to rot in open ground. In sowing, place the seed edge down, and do not water unless in a warm place, and the soil becomes very dry. A well established plant will run fifty feet in a season and cover a large veranda.

- BLUE**—Deep violet..... 5
- WHITE**—Very fine..... 10

CLEMATIS.

A well-known and admired rapid growing, free flowering, ornamental climber. No flower has more rapidly advanced in popular favor than the clematis. Within a few years it has become the favorite climber of the world. For pillars, trellises or planting about rock work clematis cannot be excelled. Seed should be sown in the fall or winter in shallow boxes in the usual way. They will generally lie dormant, even in the greenhouse, but germinate on the approach of spring. When an inch or two high transplant into boxes or small pots preparatory to planting in the open ground in May. Hardy perennial.



Clematis.

- Clematis, Large Flowering Mixed (Jackmanii)**—Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc..... 10
- Coccinea**—Very fine; tubular flowers of waxy red; interior yellow... 10

CYPRESS VINE—Ipomœa.

This is a most beautiful climber, with delicate, dark green, feathered foliage, and an abundance of bright star-shaped scarlet, rose and white blossoms, which, in the bright sunlight, present a mass of beauty. Planted by the side of a veranda, tree or stakes, and trained properly, nothing is prettier. The seeds will sprout more readily if warm water is poured on the ground after sowing.

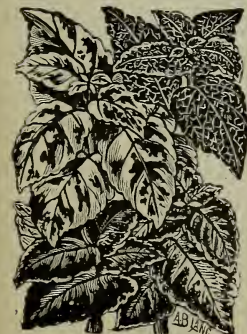
- QUAMOCLIT**—White, Rose, Scarlet and Mixed.... Each pkt. 5
- IVY LEAF**—Scarlet flowers, heart-shaped leaves..... 5
- COCCINEA (Star Ipomœa)**—Small scarlet flowers..... 5
- GRANDIFLORA SUPERB**—Sky-blue, white and variegated..... 5

CALCEOLARIA.

Unsurpassed for pot culture in the greenhouse or conservatory, producing the brilliant flowers in great profusion and variety. The blooms are remarkable for their oddness of shape, and for their richness, diversity and variety of color.

- Spotted and Self-Colored, Finest Mixed**..... 25
- LARGE FLOWERING SELF-COLORED, Mixed**—The flowers are not spotted or marked..... 25

COLEUS.



Coleus.

Beautiful ornamental foliaged plants, both for hot-houses and bedding out during the summer in sheltered places, not exposed too much to the sun. The broad, oblong, slightly dentated leaves being of a deep crimson brown color, edged with green and yellow, or salmon color, or mottled in a picturesque manner.

- EXTRA FINE HYBRIDS**—A mixture made up of the finest and showiest varieties possible to obtain from special growers..... 15
- FINE QUALITY MIXED HYBRIDS**..... 10
- NEW LARGE LEAVED, "FRINGED COLEUS"**—The leaves are extremely large and superbly variegated, deeply cut, lacinated and fringed. The colors and markings are new and fine..... 15

CINERARIA.

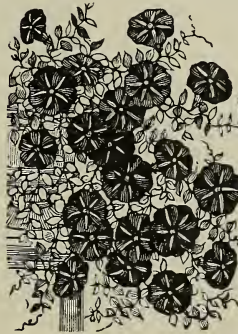
A favorite free-flowering greenhouse plant of wondrous beauty, with flowers of great richness and diversity of color; it blooms during the winter and spring months, and can be planted out in summer. They thrive best in a mixture of loam and peat.



Cineraria.

- LARGE FLOWERING HYBRIDA**—Choicest prize varieties mixed..... 35
- LARGE FLOWERING**—Second quality. Very good.. 15
- DOUBLE LARGE FLOWERING—Choicest Mixed.** 35
- GRANDIFLORA CRIMSON**—Extra Large—Beautiful flowers of the richest velvet crimson..... 30

CONVOLVULUS MINOR.



Convolvulus Minor.

Dwarf or Bush Morning Glories.

Beautiful and showy plants, producing an abundance of richly colored flowers, and in fine weather the flowers remain open all day. Blooms from July until autumn. Hardy annual.

- Variegatus**—Striped rich blue and white..... 5
- Crimson Violet**—Richest crimson violet, white throat, yellow eye..... 5
- Sub-Cœruleus**—Lavender, white center, yellow throat. Fine..... 5
- Splendens**—Rich indigo blue, white center, yellow throat..... 5
- Albus**—White, yellow throat..... 5

- Minor, Mixed**—Many varieties..... 5
- CONVOLVULUS MAJOR, CLIMBERS**—(See Morning Glory).

COSMOS—(Hybridus).

Of very rapid growth and makes large bushes fully five feet high, which are a mass of elegant foliage. From September until severe frost plants are covered with hundreds of showy blossoms two inches in diameter. The flowers are borne on long stems, are white, flesh-color, charming light pink and deep rose in color, each with a bright yellow center. Both foliage and flowers are excellent for bouquets and vases. They are easily raised from seed, and can be transplanted or grown from cuttings.



Cosmos.

- COSMOS, FINEST MIXED HYBRIDS**..... 10

- PEARL WHITE**—Large, pure white flowers; very beautiful; valuable for florists..... 10

CENTRANTHUS.



Centranthus.

The flowers are small and borne in clusters on light green, almost transparent stems. They form beautiful masses or borders, and are excellent for bouquets or other floral work. Hardy annual.

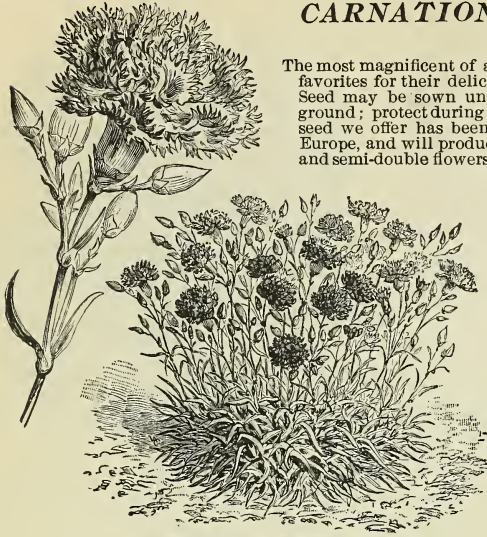
- Mixed Colors**..... 5

Mrs. Allen Rutherford, Hyattville, O.: "Your seed are the best I ever planted."

CARNATIONS AND PICOTEES.

(PINKS.)

The most magnificent of all the pink family, and are general favorites for their delicious fragrance and richness of color. Seed may be sown under glass in spring, or in the open ground; protect during winter; half-hardy perennials. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers.



New Marguerite Carnation.



Carnation Picotee.

<i>Carnations and Picotees—Stage-Flowers, all classes, extra fine mixed—Of unrivalled quality, and certain to give great satisfaction to the most critical.</i>	25
<i>Bizarres—Flakes, fancy and selfs. Choice Double Mixed</i>	25
<i>Perpetual or Tree—Fine for winter flowering. Choice Double Mixed</i>	25
<i>Picotee—Choice Double Mixed</i> , 25	
<i>Hermine—Double; white</i>	25
<i>Jean Sisley—Double, salmon yellow</i>	25
<i>Grenadin—Habit dwarf and compact; brilliant double scarlet; very early</i>	15
<i>White Grenadin—Double early flowering white</i>	25
<i>Finest Double Mixed</i>	15
<i>Double Mixed—A small percentage will come single</i>	10
<i>Double Early Flowering Vienna—Choice mixed</i>	15

NEW MARGUERITE CARNATIONS.

They Bloom in About Four Months After Sowing the Seed. The flowers are of perfect form, large and very sweet scented. The brilliant colors range through many beautiful shades of red, pink, white, variegated, etc. What is of special value, the calyx never bursts. Those sown in spring commence flowering in early summer, and continue to bloom in profusion until checked by frost, when they can be potted and taken in the house and will flower all winter, though, if intended specially for winter flowering, it will be better to sow later in the season. The plants are abundant bloomers, quite dwarf, much branched, compact and robust in habit, standing upright without support. **Mixed Colors**..... 10
Marguerite Carnation, White—Produces true from seed..... 15

DAHLIAS.

Many people are not aware that dahlias from seed sown in spring will bloom beautifully the first summer, and give good satisfaction. From one or two papers of seeds many plants can be raised, which will be of the greatest variety of colors, fully equal to many of the finest named sorts. Seed germinates quickly and easily, and plants grow rapidly. We would advise starting seed under glass, and transplanting to the garden in good rich soil the last of May, where they will grow with surprising rapidity, and bloom before you are aware of it. When not convenient to sow under glass, sow in the open ground as soon as the weather will permit.

<i>Double Large Flowering—Extra choice mixed, from select flowers only</i>	10
<i>Double Pompon (Bouquet)—Extra choice mixed, from select flowers</i>	10
<i>Cactus Dahlia—Bright scarlet double flowers; distinct and beautiful; worthy of general cultivation</i>	10



Double Dahlias.

<i>Single Flowered, Mixed Colors—Flowers large, perfectly star-shaped, formed of broad petals. They grow and bloom very soon from seed</i>	10
<i>Dwarf Striped—New and very beautiful, with finely cut foliage and large single flowers of perfect form and brilliant colors. Mixed</i>	10
<i>Intense Scarlet, New—Single, and a beauty</i> , 10	

COCKSCOMB—(Celosia.)

Highly ornamental plants producing crested heads of flowers somewhat resembling a cock's comb. The flowers are of many colors and shapes, but the scarlet and crimson are the most brilliant and rich. Showy plants may be raised from seed planted in the open ground in May. The oftener they are transplanted, or shifted, the larger and more beautiful they grow. Should be 3 feet apart. Tender annual. **New Japan**—The combs are delicately cut, while the colors are the brightest imaginable..... 5
Queen of the Dwarfs—It grows only 8 inches high; combs 7 to 10 inches across, of perfect form and of brilliant dark scarlet..... 10
Glasgow Prize—Very dwarf; immense crimson combs; 1 foot..... 10
Golden Beauty—Golden yellow combs; plant only one foot..... 5
Extra Fine Mixed..... 10 **Very Good Mixed**..... 5

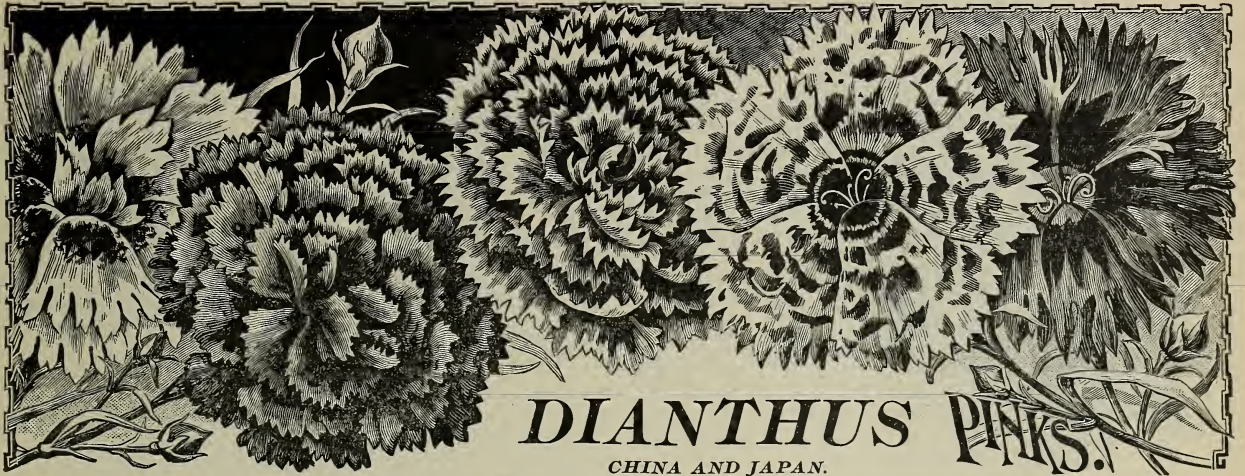


DATURA. (Trumpet Flower.)

An attractive plant with large foliage and a vigorous growth, producing a succession of large, trumpet-shaped flowers, larger than a Calla Lily and having a faint perfume. Two and a half feet.

<i>Cornucopia—Horn of Plenty—The plant is of robust habit, and, while it is not hardy, assumes the proportions of a good-sized shrub in a single season. The flower is immense, often ten inches long and five inches wide at the mouth, and conical, having three cones, one within the other, each with spreading, wavy margins. The color is fine purple-white, the former predominating outside, and the latter within the throat and the tube of the flower</i>	10
<i>Fastuosa—Fine mixed, double</i>	5
<i>Wrightii—White and lilac flowers</i>	5
<i>Double Golden—Yellow; fragrant</i> ... 5	

Datura Cornucopia.



DIANTHUS PINKS.

CHINA AND JAPAN.

Dianthus—(Pink)—All of this beautiful class of pinks are hardy and will flower the second season; if not allowed to flower too freely the first season. Sow in a hot-bed, transplanting dwarf varieties six inches apart. If not kept too warm are useful house plants. Double varieties mixed produce flowers as large as carnation or picotee. Hardy annual.

Chinensis—(China or India Pink)—Superb varieties, double; mixed..... 5
 produce flowers as large as carnation or picotee. Hardy annual.

Diadematus—(Double Diadem Pink)—Splendid large flowers of dark shades, marked with white and black colors, rich and beautiful..... 5

Imperials—(Double Imperial Pink)—Choice colors, mixed..... 5
Mourning Pink—A splendid new variety, with very double, large flowers. The ground color is a very dark mahogany, almost black, each petal edged with a margin of pure white. Distinct and very fragrant..... 10

Crimson Bell—Very large, single, brilliant dark red flowers..... 5
Eastern Queen—Magnificent single flowers, two to four inches across. Most splendidly striped and stained..... 5

The Bride—(Little Gem)—A charming new white with rich purple centre, very pretty..... 10
Hedewigii—(Double Japan Pink)—Beautiful double flowers; mixed colors. One foot..... 5

Hedewigii—(Single)—Flowers, three inches across, of rich, beautiful colors..... 5
Laciniatus—(Double)—Magnificent flowers, very large, petals deeply serrated..... 5
Laciniatus—(Single)—Flowers very large, sometimes three inches in diameter; petals very deeply fringed and beautifully colored..... 5

Alba Flore-Pleno—Double white. One foot..... 5
Double Mixed—Many choice kinds..... 5
Plumarius—(Pheasant-Eye Pink)—This is the old original Clover Pink. Very fragrant; hardy perennial Six inches..... 5



Eschscholtzia.

ESCHSCHOLTZIA (California Poppies)

Summer flowering annuals with very showy flowers. Sow where the plants are wanted to bloom, as they do not bear transplanting. Thin to 6 inches apart. The fine bushy plants grow about 1 foot. One of the best garden plants and easily grown. The large, brilliant saucer shaped flowers are produced in great profusion.

California—Sulphur, with orange center, Single..... 5
Mandarin—Large flowers of a bright scarlet; inner side rich orange, Single... 5
Finest Mixed Single... 5
Double Mixed 5

DOUBLE DAISY (Bellis.)

A charming little plant for pots, edgings and borders. Give it a cool, partially shaded place. Sow seeds very early. The flowers are abundant in early spring and may be made to flower later by the use of water. Plants can be removed safely even when in flower. Tender perennial. Six inches.



Double Daisy.

Double Mixed—Finest German seed..... 10
Double White, Extra Double, Handsome..... 10
Longfellow—Very double dark rose flowers; of unusual size; true from seeds..... 10
Snowball—A large and very double pure white daisy of the "Longfellow" type. Flowers on long stems, excellent for cutting..... 10

DIGITALIS.

"Foxglove" or "Witches' Fingers," ornamental hardy border plants, easy culture, having long spikes of showy flowers. Three to five feet. Mixed Colors..... 5
Spotted Varieties—Mixed..... 10
Monstrosa—Mixed. Large spikes of novel and beautiful flowers... 10

EUPHORBIA.

Heterophylla
 "Annual Poinsettia," "Mexican Fire Plant" or "Fire on the Mountain." An annual of the easiest culture, forming bushy plants 3 to 4 feet high, with highly ornamental leaves, which in summer and autumn become blazed with a darker fiery scarlet so that only a tip of green is left. Grown in a situation fully exposed to the sun, which enhances the brilliancy and hastens the coloring..... 10



Euphorbia Heterophylla.

Variegata—(Snow on the Mountain)—A large, robust growing annual, two feet high, ornamental, green foliage, striped with white. Splendid for borders..... 5
EDELWEISS—Gnaphalium Leontopodium—The famous and true Edelweiss of the Alps. Flowers are of a downy texture, pure white, and star-shaped. Easily raised from seed..... 10
EUTOCA—Free-flowering; for beds, borders, etc.; excellent for cutting, because a branch placed in water will bloom many days, and is intense in color. Succeeds best in warm soil, not too rich. Hardy annual. **EUTOCA VISCIDA**—Mixed colors..... 5

FOUR O'CLOCK—(Marvel of Peru).



Four O'Clocks

Freesia Refracta Alba..... 10

FUCHSIA.

Fuchsias are as easily grown from seed as cuttings, and from seed many new varieties are obtained. They will flower freely the first year in open ground, while the plants can be taken in the house in the winter, where they flower still more freely. We offer the *finest Single and Double*, saved from named varieties, Mixed..... 15

FORGET-ME-NOT—(Myosotis).



Forget-Me-Not.

- Alpestris Alba*—Pure white; 1/2 foot..... 5
- Victoria*—Of bushy habit; covered with large, bright azure-blue flowers; very fine..... 10
- Victoria*—White; new..... 10
- Victoria*—New Rose..... 10
- Grandiflora*—New; large flowering; distinct and very fine..... 5
- Dissitiflora*—Compact habit; profuse bloomer; large flowers of exquisite blue; an attractive bedding plant; 1/2 foot..... 10
- Palustris Semperflorens*—Charming variety; thrives in sun or shade; in bloom from early spring until autumn with beautiful blue flowers; 8 inches..... 10

GLOBE AMARANTH.

Annuals with bushy plants two feet high, bearing profusely; an excellent everlasting or immortelle; also ornamental as summer blooming plants; flowers globe-shape, white, purple, orange and variegated; retain their shape and color when dried; good for cutting as fresh flowers. Called by some "Bachelor's Button."

- Mixed, Many Colors*..... 5
- Dwarf Mixed*—Of very compact, dwarf habit, only a few inches high, pretty for pots or edging; produces double flowers..... 5

GLADIOLUS.

Magnificent plants with sword-like leaves and long spikes of flowers of every conceivable color and shade. The variations are now numbered almost by thousands, each year bringing forth new and choice selections which have been produced from seed, the only method of obtaining new varieties. Half hardy perennial.

- Splendid Mixture*—Choice varieties..... 10
- Livingston's Hybrids, Mixed*..... 10

GYPSOPHILA.

Small, fragrant flowers, borne on long, feathery stems. No flower adds more light and grace to a bouquet than this, and when once grown will be found indispensable. In bloom from July until frost. Although not belonging to the immortal class, the flowers dry finely and are desirable for winter bouquets.

- Elegans*—White..... 5
- Rose..... 5

GILLA.

A familiar and popular garden plant with finely cut and delicate foliage, producing dense globular heads of clustered blossoms. Foliage and flower are both beautiful. Sow early in spring in any good garden soil. Hardy annual.

- Tall Mixed*—All varieties..... 5

GOURDS.

Small Ornamental Sorts—A great variety of curiously formed and marked fruit. The vines are of rapid growth and with luxuriant foliage, adapted for covering screens and arbors; 10 to 15 feet high.

Serpent—Striped like a serpent, changing to brilliant carmine when ripe; 5 feet..... 5

Mixed—Many beautiful kinds. Oz., 40c 5

For other varieties of Gourds see Vegetable List.

GOGETIA.

An attractive and hardy annual, deserving of extensive cultivation; profuse flowering plants, growing in almost any good garden soil.

Bijou—Flowers splendid, white with large carmine spots; bears hundreds of flowers to a plant..... 5

Fine Mixed, Semi-Dwarfs..... 5

GLOXINIAS.

The Gloxinia is a grand flower and makes a lovely pot plant as easily grown and cared for as many of the common flowers. Without seeing them no one can appreciate their unrivalled beauty; they are of large size, beautiful shape and profuse bloomers, the colors ranging from pure white to dark blood red, pink, blush, lavender, indigo-blue, marbled and spotted. They will bloom in three months from time of sowing seed, or in six weeks from time the dry bulbs are planted. Flowers will last in water, when cut, two weeks.

Scarlet Defiance—Flowers frilled, edges of intense crimson scarlet; very striking; one of the finest..... 25

Splendid Mixture of all classes..... 25

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during summer and autumn; half hardy annuals; 1 1/2 feet.

Picta—Red and yellow; very showy... 5

Lorenziana—Beautiful and distinct in appearance; flowers form into globular-shaped flowers, finely fringed; early; continues in bloom until frost. Mixed. 5

Perennial—One of the most showy and perpetual blooming plants. Fine Mixed 10

HELIANTHUS.

(SUNFLOWER.)

A well-known genus of the most showy plants, remarkable for stately growth and the brilliancy and size of their flowers; also said to absorb the miasma from the atmosphere, thereby being a fever and ague preventive.

Mammoth Russian—Very large; fed to poultry; used for oil and fuel..... Oz., 10c. 5

Mintura—A showy variety of dwarf branching habit; blooms profusely all season; flowers two inches in diameter, orange-yellow with black center; 3 feet..... 5

Globe of Gold—New double-dwarf Sunflower; globe shape, small flower, very much resembling a fine yellow Dahlia; very fine; remarkably large, showy variety..... 5

Nanus—Double-flowering dwarf..... 5

Variegated—Foliage green and yellow; very ornamental; dwarf..... 5

HUMULUS JAPONICUS—(Japan Hop).

This new Japanese variety of Hop is a splendid annual climber for rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is more dense. Seed sown in the open ground in spring will produce very large plants in a short time. Withstands heat, drought, insects; remains fresh until late in the fall..... 10

New Variegated—Leaves beautifully variegated with white; splendid..... 10

HYACINTH BEAN—(Dolichos Lablab).

A splendid climber, with abundant clustered spikes of purple and lilac flowers, which are followed by exceedingly ornamental seed pods. It is of rapid growth, often climbs 20 feet in a season. Plant the seeds where the plants are desired, after the weather has become warm, and cultivate like the common pole bean. Tender annual. Mixed..... 6

HONESTY—(Satin Flower).

Lunariabiennis is a perennial that is known as Honesty in our gardens. An early, fine-flowering plant, bearing racemes of pretty, single purple flowers. The silvery seed pouches are curious and pretty, and desirable for house ornaments and working in with everlasting flowers. The plant is hardy..... 6



Gourds.



Gaillardia.

HIBISCUS.

A branching plant of the easiest culture, with rather pretty foliage, and large flowers, purple in the center. The flowers are exceedingly showy, not of long duration, and continue to bloom from June to October. Hardy annual. One foot high.

NEW HIBISCUS. (CRIMSON EYE.)

This elegant strain of Hibiscus, originated after many years of careful selection, is entirely distinct and true from seed. A robust grower with dark red stems and foliage. Flowers immense in size, purest white, with a large spot of deep velvety crimson in the center of each flower. Succeeds anywhere and is perfectly hardy, blooming the first year from seed sown in the open ground. The root is semi-tuberous. 10



Hibiscus, Crimson Eye.

Africanus—Flowers cream yellow, with purple center. 5
Crimson Eye—New, one of the best plants of recent introduction. The very large white flowers have a deep crimson center. Succeeds anywhere and blooms profusely from seed the first season. 10

HOLLYHOCK.

The Hollyhock, in its present state of perfection, is very unlike its parent of olden time; it now ranks with the dahlia, aster, etc. For a background to a flower garden, perhaps no plant is so useful, the flowers are as double as a rose, of many shades of color. Hardy perennial; 5 feet high. The seed we offer of this handsome flower has been saved from the best collections in Europe.

SUPERB DOUBLE VARIETIES:

- Pure White..... 10
- Flesh Color..... 10
- Lemon Color..... 10
- Crimson..... 10
- Chater's Finest Mixed—Best strain in the world..... 10
- Extra Choice—Double mixed, many kinds..... 10
- Good Mixture..... 5

HEDYSARUM—(French Honeysuckle).

Handsome flowering plants, producing racemes of attractive pea-formed flowers. It bears some resemblance to the Scarlet Clover, but is a much bolder and handsomer flower, a desirable hardy perennial. **Coronarium**—Fine scarlet. 10

LUPINUS—(Sun Dials).

Profuse flowering ornamental plants, producing graceful spikes of rich and varied colored flowers; useful for beds and mixed borders. Must be sown where they are to grow, as they do not bear transplanting. One and a half to three feet. **Annual Varieties**—Finest mixed. 5

HELIOTROPE.

Every one loves the delightful fragrance and beauty of the Heliotrope, but very few are aware of the fact that it can be raised from seed as easily as Verbenas. From seed sown in the open ground the plants will flower in August, while a fine display can be had earlier by starting the seed in the house and setting out plants when weather is warm.

- King of the Blacks**—Very deep. 10
- Boule de Neige**—(Snowball). 10
- Dr. Livingston**—Very fine dark sort. 10
- Choice Mixed**—Dark flowering sorts, very fine. 5
- Fine Mixture**—Of light and dark shades. 5

LARKSPUR—(Delphinium.)

The Larkspur is one of the handsomest and most useful of all plants, and will bloom in the driest season with surprising persistence. The brilliancy of some of the colors is unsurpassed.

HARDY ANNUAL SORTS.

- Double Dwarf Rocket**—Grows 12 inches; 12 good kinds mixed. 5
- Rocket Double Mixed**. 5
- Tall Stock Flowered**—Spikes of double flowers 18 inches long; very beautiful and the best for florists; two feet high. Several of the brightest and best colors mixed. 5
- Double Emperor**—Compact and profuse bloomer, having erect spikes of perfectly double flowers, which, in a dried state, are fine for winter bouquets. Mixed colors. 5

HARDY PERENNIAL SORTS.

- Elatum Hybridum**—Has hairy petals in the center, and a fancied resemblance to a bee. Five feet high. 5
- Grandiflorum Album**—Has large double white flowers. Four feet high. 10
- Formosum**—Rich blue and white. Three feet. 5

HELICHRYSUM—(Everlastings).

Large, full, double, everlasting flowers, of various colors, from bright yellow to scarlet, shaded and tipped. Peculiarly desirable as dried specimens, and exceedingly handsome bouquets may be formed of them for winter, if blossoms be gathered when on the point of expanding. Sow in spring in any good garden soil, and thin the plants to one foot apart each way. Hardy annual.

- Large Flowering**. 5
- Double Mixed Colors**—A rich mixture. 5
- Dwarf Mixed**. 5

HELIPTERUM.

One of the best everlastings; small, neat foliage, finely shaped clusters of bright, golden-yellow flowers. Should be cut when the buds are about to open, tied in bunches, and hung in a shady place; the flowers will open in the drying houses, and retain their brilliant color for years. Height one foot.

Sanfordi. 5

ICE PLANT.

A singular looking plant with thick, fleshy leaves, which have the appearance of being covered with crystals of ice. Start early in pots, and transplant into light, sandy soil in a warm situation. Tender annual.

- Ice Plant**—(Mesembrianthemum Crystallinum). 5
- IPOMEA BONA NOX**—(See Moonflower). 5

IMPATIENS—(Zanzibar Balsam.)

This plant is of compact, neat habit of growth, and almost a perpetual bloomer. Planted out in the open air at the end of June, it grows luxuriantly, flowers with the greatest profusion. A beautiful plant for window culture in winter. Tender perennial. One foot.

- Sultani**—Bright rose. 15
- Splendens**—Bright rosy carmine, splendid. 25

JOB'S TEARS—(Coix Lachryme).

An ornamental grass which, when dried and tastefully arranged with everlasting flowers makes an attractive winter bouquet. Half hardy annual. One to 2 feet. 5

KENNILWORTH IVY—(Linaria).

A hardy and pretty little climber for covering rock-work, and very useful for hanging baskets, vases, etc. Hardy perennial.

Linaria Cymbalaria. 10

LOBELIA.

Exceedingly pretty, profuse blooming plants of great value to the flower garden; their delicate drooping habit and the profusion of their charming little flowers, renders them ornamental. Annual Sorts.

- Goldense**—New golden yellow foliage and deep azure blue flowers, a charming beauty. 15
- Royal Purple**—Dark stalks and deep blue flowers with distinct white eye. 10
- Gracilis**—Fine for hanging baskets, vases, etc.; light blue, trailing. 5

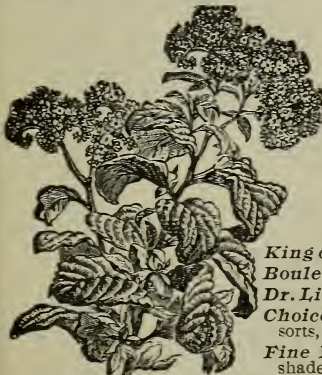
LEPTOSIPHON.

A hardy dwarf annual of the easiest culture for masses and marginal lines in beds. 6 to 8 inches high. Finest Mixed. 5

LANTANA.

Popular free-flowering and very rapid growing plants with large flower heads of various colors which emit a powerful aromatic perfume and are continually changing their color. The plants form bushes, during the summer are completely loaded with blossoms, succeeded by berries, which when ripe, turn a deep blue. Start plants in the house or hot-bed; protect from frost; tender perennial. One to 3 feet.

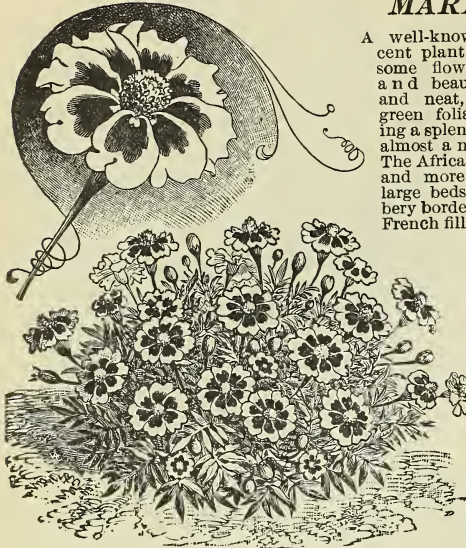
Finest French Varieties—Mixed. 10



MARIGOLD.

A well-known magnificent plant with handsome flowers of rich and beautiful colors, and neat, compact green foliage, producing a splendid effect in almost any situation. The African is the taller and more striking in large beds and shrubbery borders, while the French fills in front, or is used in small beds. Half hardy annual.

Legion of Honor — "Little Brownie" — This is the prettiest and handsomest of all Dwarf Marigolds. The plants grow only about eight inches high and are very even in size. They bloom from the beginning of summer until late in the fall. The flowers are single, of a most beautiful rich golden yellow marked with large blotches of velvety brown resembling a cross of honor, hence its name.



Marigold, Legion of Honor.

- gining of summer until late in the fall. The flowers are single, of a most beautiful rich golden yellow marked with large blotches of velvety brown resembling a cross of honor, hence its name..... 10
- Tall African—Mixed**—Two feet high..... 5
- French Dwarf—Mixed**—They form low, compact bushes with masses of fine very double flowers; one foot..... 5
- French Tall Double—Mixed Colors**..... 5
- Eldorado**—Immense double flowers, all shades of yellow..... 5
- Gold Striped**—Deep red, striped golden yellow..... 5

MUSA ENSENTE—(Abyssinian Banana).

Strikingly effective as single specimens upon the lawn, as well as in clumps or masses. The rapidity of its growth is astonishing; if the seed is sown early in hot-beds and repotted several times, the plant will attain a height of 8 feet the first summer. Planted in a tub and given an occasional application of liquid manure and watered sparingly, they attain gigantic proportions the second season. The leaves are magnificently long, broad and massive, of a beautiful bright green. **Musa**—5 pkts. for \$1.00.....Pkt. of 5 seeds..... 25

MORNING GLORY—(Convolvulus.)

The best known and most popular annual climber we possess, growing 30 to 50 feet high; seeds germinate so readily that they can be grown in the garden any place where the plants are needed. Furnish support early.

- Choice Mixed**—Many bright colors (postpaid)—1 lb., 75c.; ¼ lb., 25c.; oz., 10c..... 5
- White**..... 5. **Blue**..... 5. **Striped**..... 5
- Rose**..... 5. **Blood Red**..... 5
- Variegated Leaf Morning Glory** —(Ipomoea Marmorata)—Foliage beautifully striped and variegated; flowers of various colors..... 10
- For Dwarf or Bedding Morning Glories see Convolvulus Minor.



Morning Glory.

MINA LOBATA.

A rapid and luxuriant climber for trellises, arbors, etc. Flowers tubelike, and borne 15 to 25 in number on graceful, drooping spikes from bottom to top of plant. Color, bright red, changing to orange, then cream. Tender annuals. Thirteen feet..... 10

MATRICARIA—(Feverfew).

Free-flowering herbaceous plants, succeeding in any garden soil; fine for bedding or pot-culture; blooms until frost; hardy annual. Eighteen inches.

- Crispa Alba Plena**—Very handsome double white flowers with dense and pretty curled foliage, like parsley; fine for ribbon beds. Eight inches..... 10
- Capensis fl. pl.**—Double white flowers, splendid for bouquets, etc..... 5

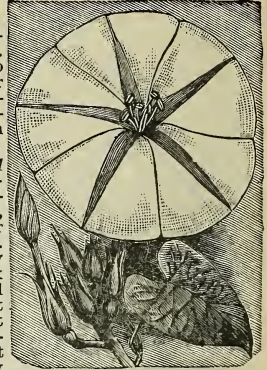
MIMULUS—(Monkey Flower).

Showy, profuse flowering plants, comprising numerous varieties with white, sulphur, and yellow grounds, spotted with crimson, scarlet and pink; fine for greenhouse, or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early. The seed is very small and should be covered very slightly.

- Tigrinis**—Fine Mixed spotted varieties..... 5
- Moschatus**—(Musk Plant)—Fine for hanging baskets, etc.; small, yellow flowers. The thin delicate leaves emit a pleasant musk odor..... 5

MOON FLOWER.

The Moon Flower has become an established favorite as a summer climber. No one who has a trellis or arbor to cover should neglect to plant one or more varieties of this most rapid growing of all annual climbing vines. Directions for sprouting the seed go with every packet.



Moon Flower.

MOON FLOWER—White-Seeded

(Ipomoea Noctiflora, or Grandiflora Alba)—The variety most generally grown, being larger in flower, firmer in texture, and of sweeter odor than the common black seeded variety. It bears in greatest profusion its lovely immense white flowers, five to six inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. To obtain the best results, start early in the house and set out as early as safe in the spring; usually they begin to flower early in August, the vines are nightly covered with flowers emitting a rich odor. If planted in rich ground, in a sunny situation, the vines attain a height of 25 feet in a season..... 10

MOON FLOWER—New Cross-Bred, or Hybrid—This new variety is of great value for the North, as it is in full bloom fully one month earlier than the preceding, and while not quite so large as the white-seeded, yet they are very numerous, completely covering the foliage in places. It is of luxuriant growth. Flowers pure white, large and fragrant. Both foliage and flower vary in form on different plants, some being scalloped, others round, and others five-pointed or star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped. It grows with great rapidity to a height of 50 feet; the bright green foliage makes an admirable shade for verandas and arbors..... 10

LEARI—This is a grand companion to the White Moon Flower. It has a lovely satin blue flower with crimson bars. Planted with the White the effect is great. Of easy culture..... 10

MIGNONETTE.

A well-known plant producing dense, semi-globular heads of very fragrant flowers, borne on spikes 3 to 8 inches long. In bloom nearly the whole season. If sown at intervals during the spring and early summer it will bloom until killed by frost; sown in autumn will bloom early in spring; hardy annual; perennial if protected. One foot.



Mignonette.

Reseda Odorata—(Sweet Mignonette)—Well-known fragrant, hardy annual..... Oz., 15c. 5

Parson's White—Robust habit; pure white..... Oz., 40c. 5

Improved Victoria Red—A perfect beauty in every respect. Grows about 6 inches high. Beautiful pyramidal spikes of regular form, pretty brilliant red flowers, which are much larger and more brilliant than the old Victoria Red; dark glossy green foliage..... Oz., 20c. 10

Miles' Spinal—Entirely distinct from the older varieties. A strong grower and most abundant bloomer..... Oz., 20c. 5

Grandiflora—Large flowers..... Oz., 15c. 5

Golden Queen—Fine; flowers of a golden hue..... Oz., 30c. 5

Machet—Plant dwarf and vigorous, of good habit, producing many large spikes of very sweet scented flowers..... Oz., 60c. 5

Gabriele—Very fine large spikes of red flowers..... Oz., 50c. 5

Many Kinds Mixed..... Oz., 25c. 5

MAURANDIA.

Beautiful, rapid, slender growing plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early. One of the most popular climbers. Ten feet.

Aibiflora—Pure white, excellent..... 10

Mixed, choicest kinds..... 5



Maurandia.

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NASTURTIIUMS, TALL.

(*TROPÆOLUM LOBBIANUM*.)

Should not be planted in too rich soil. The brilliance and profusion of blooming of the Lobbianum varieties render them superior to the ordinary tall varieties for greenhouse or conservatory decoration in winter; also for trellises, arbors, vases, etc., in summer. They remain in bloom a long time, stand heat and drouth without the slightest effect. The seed pods can be gathered while green and tender, for pickling. Half-hardy annuals; six to ten feet.

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|---|---|--|---|
| <i>Spitfire</i> —Brightest scarlet; very effective..... | 5 | | |
| <i>Giant of Battles</i> —Sulphur spotted red..... | 5 | <i>Lobb's Mixed</i> —Many colors, fine varieties; | 5 |
| <i>King of the Blacks</i> —Deepest Brown..... | 5 | oz., 15c. | 5 |
| <i>Crown Prince</i> —Blood red..... | 5 | <i>Common Tall Varieties, Mixed</i> —Containing | 5 |
| <i>Lucifer</i> —Dark scarlet..... | 5 | many beautiful flowers: ¼ lb., 50c.; oz., 15c..... | 5 |

NASTURTIIUM, DWARF—(*Tropæolum Minor*).

The dwarf varieties are among the most useful of all annuals for bedding, massing, etc., owing to their compact growth, richness of color, and profusion of blooming.

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|---|---|
| <i>Dwarf</i> —Scarlet..... | 5 |
| <i>Dwarf</i> —Rose..... | 5 |
| <i>Dwarf Pearl</i> —White..... | 5 |
| <i>Aurora</i> —New. Deep chrome yellow, on pot, the lower petals blotched and veined with purplish carmine..... | 5 |

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| <i>Empress of India</i> —Dark tinted leaves and crimson flowers..... | 5 |
| <i>King Theodore</i> —Bluish green foliage, flowers velvety crimson..... | 5 |
| <i>King of Tom Thumbs</i> —Intense scarlet flowers, dark foliage; very handsome. Oz. 25c..... | 5 |
| <i>Golden King</i> —Fine..... | 5 |
| <i>Spotted King</i> —Dark leaves..... | 5 |
| <i>Ruby King</i> —Very fine..... | 5 |
| <i>Beauty</i> —Yellow and scarlet..... | 5 |
| <i>Ladybird</i> —Rich golden yellow and bright ruby crimson; very showy..... | 5 |
| <i>Dwarf Mixed</i> —Many kinds. ¼ lb., 50c.; oz., 15c..... | 5 |

NELUMBIUM—(*American Lotus*).

This is one of the most beautiful and valuable of all water lilies. The dark green leaves, 12 to 15 inches in diameter, surmounted by enormously large double flowers resembling a monster double tulip, form a beautiful contrast and are a worthy ornament to any garden or lawn. Easily grown in tanks or ponds. Full cultural directions on each packet.

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| <i>Nelumbium-Luteum</i> —Yellow, fragrant..... | 25 |
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NICOTIANA.

A very pretty, large, flowering tobacco. An effective plant for groups. Half hardy annual.

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| <i>Affinis</i> —Rosy blush; produces freely; sweet scented, large flowers; 2 feet..... | 10 |
| <i>Colossea</i> —New giant; immense foliage..... | 25 |

NIGELLA—(*Love in a Mist, or Devil in the Bush*).

A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture in any garden soil. Hardy annual.

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| <i>Damascena</i> —Mixed, blue and white; 1 foot..... | 5 |
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NEMOPHILA—(*Love Grove*).

This plant is found in almost every garden, and has a secure place in the heart of every lover of flowers. Of dwarf and spreading habit; well adapted for border or pot culture. Flowers are finely colored, blotched and spotted. Quite apt to sport into an endless variety of shades. Hardy annual. Six inches.

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| <i>Fine Mixed</i> —All colors..... | 5 |
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(*GNOTHERA*—(*Evening Primroses, or Sun Drops*)).

Large showy flowers of various colors; hardy annual; one to two feet.

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| <i>Taraxacifolia</i> ("Chilian Evening Primroses.") Saucer-shaped flowers measuring six inches in circumference..... | 5 |
| <i>White</i> —Changing to rose later in the day..... | 10 |
| <i>Golden</i> —Bright golden yellow..... | 10 |

OXALIS.

Pretty little half-trailing annuals, for hanging baskets, vases, rock-work and edgings, flowering in profusion, six to nine inches.

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|---------------------------------|----|
| <i>Mixed</i> —Annual sorts..... | 10 |
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PERILLA.

Perilla Nankinensis is a very fine and dark ornamental-leaved annual.

Has a broad, serrated leaf of a purplish mulberry color; 18 in. or more in height. Very desirable for center of bed of ornamental-leaved plants, and also for a low screen or hedge.....

PASSION FLOWER.

A most interesting and well-known order of climbers of rapid growth, with singular large flowers, well adapted to house culture in winter or for training over porches, etc., in sunny positions in the open ground in summer.

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| <i>Cœrulea</i> —Large flowers of violet and blue..... | 10 |
| <i>Incarinata</i> —("May Pops," "Mammoth," "Passion Flower")—This singular and beautiful climber will flower the first season from seed, and it is a remarkably pretty vine. Flowers 2 to 3 in. across, flesh white with purple rays; these are followed by beautiful golden edible fruits the size of a hen's egg, of a delightful flavor, and relished by many. The roots are hardy, although the vine dies down in the winter, but comes up again in the spring. The plants can be potted for winter decoration..... | 10 |
| <i>Passion Flower Roots</i> —See Bulb and Root Department. | |

PENTSTEMON.

Few surpass this popular and one of our most beautiful and attractive hardy plants. Bears long, graceful spikes of rich-colored flowers of white, pink, scarlet and blue, beautifully spotted and marked; will bloom in June the first season if sown early in March and planted out in May; indispensable for beds, borders and cut flowers. They should be planted in a rich open soil, and protected during winter. Hardy perennials. Two to three feet.

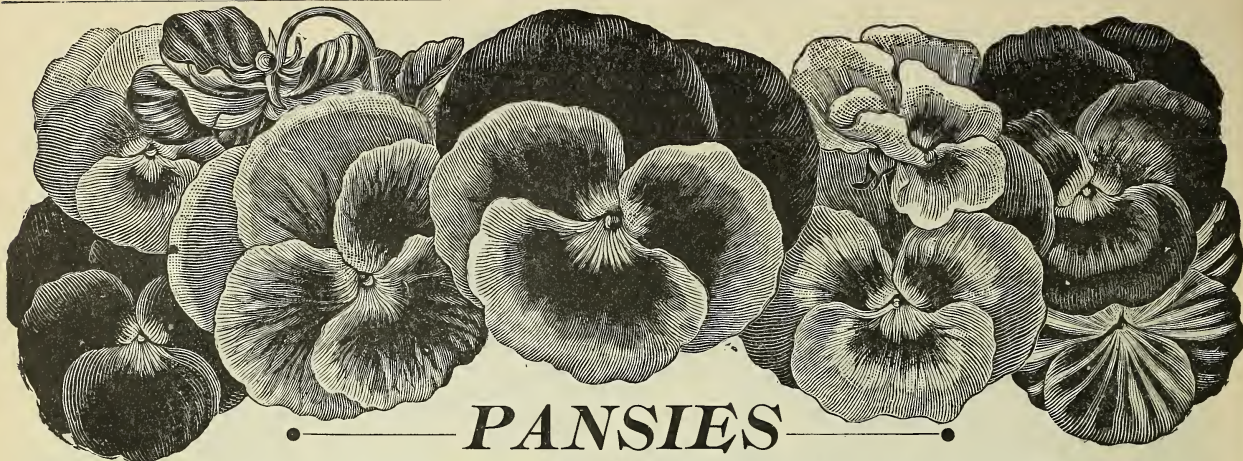
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| <i>Large Flowering</i> —A splendid mixture..... | 10 |
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PYRETHRUM—(*Feverfew*).

Hardy Flowering Varieties—Valuable hardy border plants throwing up numerous stems about 2 feet high, each surmounted with large flowers 3 or 4 inches across, of bright colors, such as rose, flesh, pink, crimson, etc. Remain in bloom a long time.

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| <i>Single Large Flowering Hybrids</i> —Mixed..... | 10 |
| <i>Double Large Flowering Hybrids</i> —Mixed..... | 25 |
| <i>Roseum</i> —(Persian Insect Powder)—Rose color; 1 foot..... | 10 |
| <i>Yellow Foliage Sorts for Bedding</i> —Dwarf growing plants extensively used for ribbon and carpet bedding; the plants grow about 10 to 12 inches high, with bright yellow foliage. These are usually grown as annuals, although they are perennials. | |
| <i>Aureum</i> (Golden Feather)—Foliage deeply cut and fringed; a rich golden yellow color; 12 inches..... | 5 |

PINKS—(*See Dianthus*).



These charming favorites are very much improved in size, shape and color, and no flower is more popular with florists and amateurs, giving abundance of bloom until after severe frosts, enduring our hard winters with safety, and greeting us in the earliest spring with a profusion of bright blossoms. It will flower better in the middle of summer if planted where it is somewhat shaded from the sun, and furnished with a good supply of water, but in almost any situation will give fine flowers in the spring and autumn. Pansy seed may be sown in the hot-bed or open ground; if sown in the spring, get in as early as possible, so as to have the plants in bloom during the early rains; they are easily transplanted. Seeds sown in a cool place in June or July, and watered until up, will produce fall flowering plants; if sown in October they will flower in early spring. To have good flowers the plants should be vigorous and make a rapid growth. Young plants give the largest flowers.

Our Pansy Seed is the Best to be Obtained.—This favorite flower is one of our specialties, and the following varieties and mixtures are secured from special Pansy Growers in the United States, England, France, Germany and elsewhere regardless of cost. We do not hesitate to recommend them with the greatest confidence to florists having the most critical trade. No one can offer better stock, although their prices may be higher. At the prices quoted we give liberal size packets, according to the quality of the seed.

- LIVINGSTON'S FANCY MIXTURE**—Seed saved from largest flowers of most perfect form, richest colors and first-class in all points. Universally admired and sure to please all lovers of choice, large and fancy Pansies. 3 packets for 60c. 25
- Empress Pansies**—We have secured, direct from the originator, a noted Pansy specialist of England, a few packets of this extraordinary fine "make up" which has carried off more prizes than any other shown at the many critical exhibitions in that country. 25
- Giant Trimardeau**—Flowers of enormous size. An altogether distinct and beautiful new race, the flowers of which are larger than any hitherto produced. Each flower is marked with three large blotches or spots, and the plants are of compact growth and produce an endless variety of beautiful shades. Mixed. 10
- Giant Yellow**—One of the finest and showiest. A beautiful clear yellow, heavily blotched on the three lower petals. 10
- Giant Trimardeau White**—Flowers very beautiful, white, with a violet eye. 10
- Giant Striped**—Flowers of enormous size, beautifully striped. 10
- Striped and Mottled**—Large flowered; splendid. 10
- Giant Cassier's**—A French strain and the largest flowered and heaviest blotched of this class. Seed saved from very large and beautifully blotched perfect flowers. Rich and showy. 10
- Parisian**—Large Stained—New. A fancy strain of the Trimardeau 15
- Giant Black-Blue**—Large and very dark. 10
- Giant Azure Blue**—Superb. 10
- Giant Beaconsfield**—Combination of purple and lavender. 10
- Bugnot's Giant Blotched**—The finest of all Pansies. Flowers are of enormous size, nearly circular in form, and in a great variety

- of the handsomest and rarest colors, including some shades not found in any other variety. Each petal has a distinct deeply colored broad blotch, branching in narrow veins to the edge. 3 packets for 60c. 25
- Red Victoria**—New. Red, fine and very effective color; the large blooms are of good substance and form. 10
- Peacock**—New. Bright colored and curiously marked, large and beautiful Pansy from England. The flower is very perfect, the upper petals being of a beautiful ultramarine blue, resembling in shade the peacock feather, while the lateral and lower petals are of a deep claret, with white margins. 10
- Odier, or Five-Blotched**—A beautiful strain of various colored, large, handsome, perfectly formed flowers, dark spots on each petal. 10
- Meteor**—New, bright brown. 10
- Emperor William**—Large, handsome flowers, brilliant ultramarine blue, with purple violet eye, borne in great profusion. 5
- Black Blue**—Very rich and constant. 5
- Fire King**—Golden yellow, upper petal purple; very showy. 5
- Lord Beaconsfield**—A highly attractive variety; deep violet, shading to heliotrope, and white on the upper petals. 5
- Quadricolor, or Pheasant's Eye**—One of the prettiest and most peculiar; the flowers are of a reddish steel blue, red and white edge. 5
- Belgian Striped**—A lovely class, bearing beautiful flowers of various shades. 10
- English "Face" Pansy**—Flowers light and dark blue in color, each marked with a distinct "face". 10
- Azure Blue**—Extra fine. 5
- Light Blue**—Lovely; nearly sky blue. 5
- Yellow (Black Center)**—Splendid. 5
- Yellow Gem**—Without eye; very fine. 5
- Dark Purple**—Rich deep purple; fine. 5
- Mahogany Colored**—A very fine variety. 5
- Snow Queen (Snowflake)**—Delicate satiny white; very pretty. 5
- King of the Blacks (Faust)**—Almost black; darkest known. 5
- Silver-Edged**—Dark purple with a distinct white edging; a most charming Pansy. 5
- Gold Margined**—Splendid. 5
- Pure White (Black Center)**—Showy. 5
- Violet**—Margined with white; extra fine. 5
- Havana-Brown**—New shades. 10
- German Imperial**—Mixed. 10
- English Pansy**—Finest Mixed. 10
- French Pansy**—Large flowering in choice mixture. 10
- Non Plus Ultra**—Very choice mixture of finest varieties. The finest mixture ever sent out by a noted German Pansy specialist. 10
- International Mixture**—A favorite mixture with many growers. 3 pkts., 25c. 10
- Large Flowering**—Many separate colors and choice kinds. Very Fine Mixed— $\frac{1}{4}$ oz., 75c. 3 pkts., 25c. 10
- Good Quality Mixed**—Oz., \$2.00; $\frac{1}{2}$ oz., 40c.; 4 pkts., 15c. 5

SPECIAL PANSY OFFERS. We offer Purchaser's Choice of one or more kinds from the above:—Five 5c. pkts., 20c.; three 10c. pkts., 25c.; seven 10c. pkts., 50c.; five 15c. pkts., 60c.; three 25c. pkts., 60c. Thirteen Packets of the brightest and best Pansies, our selection of varieties will be mailed for only \$1.00.

PRIMULA (Chinese Primrose). Charming, profuse blooming plants, for winter and spring decoration in house. Sow seed in March, cover lightly and keep moist. Transplant as the second leaves appear, and continue shifting as they grow.

- FIMBRIATA LARGE FLOWERING FRINGED SORTS.**
- Pure White**—25c. BRIGHT RED, Rose Sorts Mixed—A very effective new color. 25
- Large Flowering Fringed**—A superb mixture that gives the greatest satisfaction. 25
- Large Flowering (Unfringed)**—Finest mixed, for general purpose will give good satisfaction. 15
- Fern Leaved Choicest Mixed**—Carmine and white. 25
- Mixed**—Very fine, extra fringed, fine for florists' use. 50
- Double Fringed Large Flowering**—Mixed; splendid. 50
- Obconica**—A lovely and profuse blooming Primrose, bearing on long stems, heads containing 10 to 15 beautiful flowers. White shaded, occasionally with a tinge of lilac; an ever-blooming plant, producing elegant clusters of flowers which have true Primrose fragrance. 10
- Floribunda**—One of the prettiest and best blooming of all Primroses; is readily raised from seed, and is one of the Obconica type, differing in color of the flower, which is a lovely shade of primrose yellow. Very fragrant free blooming; will thrive under window cultivation. 15
- Japonica (Japanese Primrose)**—One of the most beautiful. Bright showy flowers, borne on stems 6 to 9 inches high. Seed is usually slow to germinate. Mixed colors. 10



PRIMULA.

PHLOX DRUMMONDII

The Phlox Drummondii, for splendid mass of colors and a constant display, is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The colors range from the purest white to the deepest blood purple or crimson. Seed may be sown in the open ground in May or in hot-bed or cold frame earlier; and in either case, from June, during the summer and autumn, they make a most brilliant bed of showy, yet delicate flowers, blooming continually until frost. A good ribbon bed of the Phlox is a most dazzling sight, and there is nothing so cheap. In a good, rich soil it will grow 18 inches high. Set the plants one foot apart; easily transplanted.

- William I.**—Scarlet striped, white; very pretty 5
- Deep Scarlet**—Choice..... 5
- Brilliant**—Brilliant rose, dark red center, very effective 5
- Deep Blood Purple**—(Black Warrior)—Extra fine 5
- Alba**—Pure white 5
- Many Choice Varieties, Mixed**.....Oz., 50c.; 1/2 oz., 80c.
- Star-Shaped Phlox**—(Star of Quedlinburg, *Fringed Phlox*)—The flowers have a regular star-like form; the plant is of dwarf compact habit and bears large umbels of flowers. As easily grown as the common Phlox and flower just as profusely during the entire summer. **Extra Fine Mixed Seed**, comprising many varieties of this odd and beautiful strain..... Three packets, 20c. 10
- Triumph**—One of the finest half-dwarf new varieties of Phlox, produces many shining scarlet flowers..... 10
- Phlox Drummondii "Graf Gero"**—This new strain forms compact plants, well adapted for pot culture; an excellent market plant. Finest mixed colors 10

DOUBLE PHLOX.

Of late years several semi-double flowering Phloxes have been introduced, the value of which as cut flowers will have been recognized by those who have tried them.

- Note.**—In order to produce the best double flowers they should be grown in a light, sandy soil.
- Double Yellow**—This very pretty, light yellow flowering variety comes quite true from seed, and possesses a slight perfume..... 10
- Double White**—Produces charming double white flowers, 60 to 70 per cent. being perfectly double in perfect form and large masses ... 10
- Double Scarlet**—More compact than the single-flowered, while the trusses and the individual flowers are equal in size to those of the dwarf varieties 10

PHLOX GRANDIFLORA—(Large Flowering).

- Pure White**—Beautiful; fine for cutting..... 10
- Stellata Splendens**—Resembles Splendens, but in addition has a pure whitestar; contrasting beautifully with the crimson..... 10
- Carmine Rose**—Splendid 10
- Crimson, White Eye**..... 10
- Large Flowering, Our Own Mixture**—All choice colors. Per oz., 75c.; 1/2 oz., 40c. 10

DWARF OR NANA COMPACTA PHLOX.

This new strain is of a dwarf, compact habit, and makes desirable pot



plants; also for ribbon lines and massing; ten inches high. **Mixed**, per oz., \$2.00..... 10

HARDY PHLOX PERENNIAL.

They are perfectly hardy and need no protection; will flourish in any soil; succeeding better, however, in deep, rich, rather moist ground. **Best Mixed**—Saved from the newest sorts..... 10



The Shirley Poppy.

- Our Mixture**—This mixture is composed of many excellent sorts and colors; will surely please. Large pkt., 10c.; regular size..... 5
- Mephisto**—Extra large flowers with deeply fringed edges, pretty rose and scarlet colored single flowers.—**Mixed** 5
- Double Japanese Pompon, Mixed**—Flowers are small, but very double and very numerous; many lovely shades 10

LIVINGSTON'S POPPIES—

—Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps, and mixed borders. They are of easy culture, and will succeed in any garden soil, flowering in great profusion all summer if sown early in the spring. The seed should be sown where it is to remain, as they do not bear transplanting. Two feet. Hardy annual.

- TULIP POPPIES**—From Armenia. Plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet imaginable. The two outer petals resemble a saucer, in which are set two erect petals of the same color. The color is of such glowing richness as to fairly dazzle the eye 10
- FAIRY BLUSH**—The immense globular flowers of this distinct Poppy are perfectly double, and measure 4 to 5 inches across; the petals are elegantly fringed and pure white, except at the tips, where they are distinctly colored with rose. The flowers at a little distance have the effect of large, white, feathery balls, overcast with a rosy shade 5
- SHIRLEY**—A new strain of marvelous beauty. The colors range through all shades of delicate rose, pink, carmine and brilliant crimson. Many of the flowers are edged with white and the petals have a glossy, silk-like texture..... 10
- ICELAND POPPIES**—The fragrant elegant flowers are produced in succession from early in June to October. The flowers will last a week if cut as soon as open. Rose, white, scarlet and gold in *fine mixture*..... 10
- Snowdrift**—Pure snow-white, extremely double flowers of perfect form; large size... 5
- Oriental**—Large, gorgeous blossoms, of darkest red; beautiful; one of the showiest of hardy Perennial Poppies; specimen flowers have been grown to measure 9 inches. 5
- New California**—A distinct beauty, grows about 1 foot high; flowers 2 inches across, pink, orange, with a light yellow center..... 10
- Peacock**—Vivid scarlet, cherry red at base, with jet-black zone 5
- Double Carnation, Mixed**—For dazzling richness and variety of colors, the flowers are unequalled. Simply scatter the seed in the open ground and a mass of beauty will result..... 5
- Double French Ranunculus**—A very rich mixture 5
- Any Seven 5-cent or three 10-cent packets of Poppies for 25c.**

PORTULACA. Rose Moss—

Should be in every garden. There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued, highly colored Portulacas. They are in bloom from about the first of July until killed by frost. Plant in open ground after it has become warm. They delight in light, sandy soil, and a dry situation. After they appear withhold water, and if the bed has a full exposure to the sun, the ground will be covered with the plants, and the effect will be beautiful. Tender annual; 9 inches high. The blossoms of the **Double Varieties** are about 1 1/2 inches across, perfectly double and of many colors. Not all of the plants will be double, but the single ones can be pulled out. The flowers of the double sorts remain open all day. They will stand any amount of dry weather. **Rose, Crimson, Golden, White**..... Each 5

- Finest Single Mixed**—Many beautiful sorts. Oz., 40c.; 1/2 oz., 25c.; 4 packets, 15c..... 5
- Double White, Double Rose, Double Yellow, Double Scarlet**..... Each 15
- Double Rose-Flowered**—As double as the most perfect rose. Of the finest quality. 1/2 oz., \$1.00; 3 packets, 25c..... 10
- Mixed Colors** 10



Portulaca.

PETUNIA.

Petunias are unsurpassed, if indeed equaled, for massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. They will do well sown in open border in spring, or earlier in a cold frame or hot-bed, and transplanted 18 inches apart. By the latter process they will come into bloom much earlier, though they will do perfectly well sown in open ground. Be careful not to cover the small seeds too deeply; they like a sandy loam. Hardy annual.



Petunia

SINGLE VARIETIES, SUITABLE FOR BEDDING.

- Dwarf Inimitable**—A dwarf variety forming a compact little plant, 5 to 8 inches in height, covered with regularly striped flowers..... 10
- Countess of Elsmere**—Deep rose, white throat..... 5
- Blotched and Striped**..... 5
- Extra Fine Mixed**—A great variety of colors and many kinds, including some choice large flowering sorts..... 10
- Fine Mixture**..... 5

LARGE FLOWERING—FANCY HYBRIDS.

(The Seed we offer is the Best Obtained.)

- Single Fringed Large Flowering**—Extra fine mixed; beautiful; large..... 20
 - Double Fringed Large Flowering**—Very choice fringed..... 25
 - Double Large Flowering—All Sorts**—A superb mixture..... 15
- See Giants of California in Novelty List.

RODANTHE.

This well-known annual is one of the best everlasting flowers, valuable for winter bouquets, but especially desirable as an ornamental bedding plant in summer and for pot culture in winter. They remain in bloom a long time. For winter bouquets the flowers should be cut before fully expanded, and, if dried in the shade, will retain their brilliancy for years. The leaves are heart-shaped and lustrous, and the calyx long, scaly and shining. Seeds should be started and the plants transplanted to a warm situation one foot apart. Colors, white, pink and crimson; one foot high.

- Alba**—Silvery white; beautiful..... 5
- Many Colors Mixed**—Large packet..... 10c. Small..... 5

ROSES.

- Hybrid Polyantha**—These beautiful little roses are borne in large clusters, and will flower throughout the summer until frost, from seed sown early in the spring. Flowers of various colors, most of them double (a few come single). Mixed colors..... 15
- Climbing Polyantha**—Flowers in bouquet-like clusters; like the above, the plants are hardy, of very vigorous branching habit, flowering profusely. Mixed colors..... 20
- Midget Roses**—These little roses belong to the Polyantha section, and are only about an inch across, very double (seldom single), borne in many-flower clusters and contain all the tints of cultivated roses. They grow only ten inches high and commence blooming in a few weeks after the seed is sown. They continue to bloom year after year in profusion from May until frost. Sow in cold frame in February and plant out during April..... 25

ROCKET—(Hesperis).

The Sweet Rocket produces large clusters of flowers which are very fragrant. Seeds rapidly germinate in the open ground with very little care. Hardy perennial; 1½ feet high.

- Mixed**—Purple and White..... 5

RICINUS—(Castor Oil Bean).

Stately, strong-growing plants, with very ornamental foliage, particularly adapted as center plants of groups of Cannas, Japanese Maize, Caladiums, Dahlias, etc. Annuals. Of very quick growth in rich soil.

- Coerulescens**—Bluish green; very fine..... 5
- Cambogensis**—New—Large palm-like leaves of a bronzy-red maroon; stalks and stems nearly black. Six to eight feet..... 5
- Borboniensis Arboreus**—Showy foliage; 15 feet..... 5
- Zanzibar**—Fine new sorts, with enormous leaves; mixed..... 10
- Giganteus**—Leaves of immense size, richly veined and marbled; ten feet..... 5
- Mixed**—Many of the best sorts..... Oz., 20c. 5

SALPIGLOSSIS.

Velvet Flower or Pointed Tube Tongue—Showy bedding or border plants, with richly-colored, erect, funnel-shaped flowers. The colors beautifully marbled and penciled purple, scarlet, crimson, yellow, blue and black. Plant in warm, rich soil. A very fine annual.
Grandiflora—New large-flowering; extra fine. Mixed..... 5

SCABIOSA—(Mourning Bride).

A useful and ornamental plant with rich and beautifully-colored flowers; effective for beds or borders; excellent for cutting. This old and well-known annual is not as generally cultivated as it deserves.

- Tall German**—Mixed, all colors; 2 feet..... 5
- Dwarf Double**—Mixed—Compact habit, profusely bearing, extremely double flowers of great beauty; 1 foot..... 5
- Snowball**—Elegant double white flowers; charming for bouquets; 1 foot..... 5
- Golden Yellow Double**—The plants are semi-dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow color; admirably adapted for cutting..... 10
- Large-Flowered Double**—New, compact and upright, long, stiff stems and large, round, perfect double flowers of remarkable colors; valuable for cutting..... 10
- Splendid Mixture**, 10



Scabiosa.

SAPONARIA—(Bouncing Bet).

Beautiful, compact-growing plants with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; annual. Mixed—All colors; six inches..... 5

SCHIZANTHUS—(Butterfly Flower).

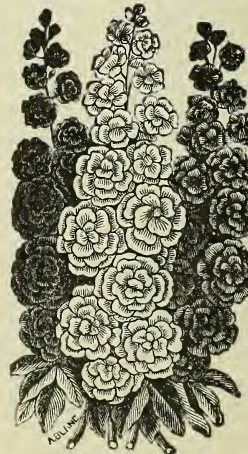
Showy plants for outdoor decoration. Easily cultivated; of bright colors; useful for bouquets. Half hardy annual, 2 to 3 feet; bears hundreds of flowers. **Best Varieties, Mixed**..... 5

SEDUM.

Interesting and pretty little dwarf hardy annual, growing freely on rock or rustic work, where, during the summer, it expands its beautiful, star-shaped flowers in great profusion. Desirable for the center of hanging baskets. **Ceruleum**—Blue; six inches..... 5

STOCKS, German Ten Weeks (Gillyflower.)

Stocks have for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. In brilliancy of color and general effect they are unsurpassed. Equally fine for bedding, borders, massing or for pot culture. The Ten Weeks Stocks will bloom about ten or twelve weeks after being sown. For early flowering sow in the house in February or March, and plant in the open ground in May. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of flowers. We import our seed direct from one of the best German growers.



Large-Flowering Stocks.

- Large-Flowering Dwarf Ten Weeks—Pure white**..... 10
- Largest-Flowering Dwarf**—Magnificent spikes of very large double flowers; all colors. Mixed..... 5
- Dwarf German Ten Weeks**—Large flowering; fine mixed..... 5
- Large-Flowering Pyramidal Dwarf**—Pyramidal habit; long spikes of large double flowers; many choice colors mixed..... 10
- Snowflake—Dwarf Forcing Ten Weeks**—A beautiful variety of Dwarf Wallflower-leaved Large-Flowering Stock. One of the earliest of all Ten-Weeks Stocks, and admirably adapted for forcing; the snow-white flowers are uncommonly large and very double..... 10
- Blood Red**—Very fine new sort..... 10
- Princess Alice—(Cut and Come Again)**—A fine, perpetual blooming Stock. If sown early it commences blooming in June and continues to bloom until destroyed by frost. Its most valuable feature is that it produces perfect flowers during September and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double, pure white fragrant flowers, and is excellent for cutting; 2 feet high. 10
- Emperor, or Brompton**—These make very bushy and branching plants, with an abundance of large flowers. Sow in July or August. Will last several years when protected. Mixed colors; 2 feet high, 10

SWEET PEAS. LIVINGSTON'S COLLECTION.

No flower in the list speaks so well for itself as this easily grown hardy annual. It is very beautiful, free-blooming, and the sweetest of all climbers; very profitable to grow because the cut bloom meets with ready sale in any market; very productive, one plant sometimes yields hundreds of elegant sprays of flowers that are borne on desirable long woody stems, and their wide range of color and delightful fragrance are unsurpassed. Its popularity is increasing rapidly every season, because it is sure to please under the most ordinary treatment; it is a favorite with everybody for personal wear or table decoration, and no flower is more welcome in a sick room. Invaluable for trellis work, covering walls, unsightly objects, etc.

CULTURE. Plant in rows running North and South as early as possible—April 1st is none too early, providing the ground can be worked. There are several different successful ways of growing Sweet Peas. We will give, briefly, the main points of two of these methods. **Deep planting is essential.** 1st—Make two furrows 5 inches deep and 10 inches apart, drop the seeds in the furrows 2 inches apart.

2nd—Make a trench 5 inches deep and 12 inches wide. Drop the seed in two straight rows, 10 inches apart, 2 inches in the row. In either case cover the seed at first 2 inches deep, and when up fill in with earth gradually as they grow until the trenches or furrows are full. The object of deep seeding is to get the roots well down so that they may resist drought. They grow best and most luxuriantly in a deep, rich, cool soil. Use wood ashes or pure ground bone as a fertilizer; or well rotted stable manure may be used to good effect if worked into the soil the fall before. If early bloom is desired use some nitrate of soda; or withhold stimulant if late bloom is desired. To get the best results they must have plenty of water, and the blooms must be picked without stint and not let run to seed. Use brush or trellis 6 feet high, and do not allow the vines to run over 6 feet—cut them off. One ounce of seed is sufficient to sow 20 feet, or even less for very effective purposes.

Sweet Peas may be sown late in the fall by making trenches 8 inches deep. Fertilize with well rotted manure and cover 3 inches deep in heavy soil and 4 to 6 inches in light soil. They must be protected in February and March.

Miss Blanche Ferry—One of the most popular varieties ever introduced. It is earlier and harder than any other; of dwarf and compact growth; can be grown without support; desirable for forcing; the very sweet flowers are of large size and produced in

great profusion; very striking, pink and white; far ahead of Painted Lady. Lb., 75c.; ¼ lb., 25c..... 5

Orange Prince—Of rare beauty; bright orange-pink, flushed scarlet; wings rich rose veined with pink..... 5



Our Stocks are fresh and the varieties selected are of the best types, most distinct in form and the colors all that can be desired. OUR MIXTURES are made up largely of the SURE TO PLEASE class of bright and attractive new colors.

- Splendor**—Rich bright pinkish rose, shaded with crimson; its attractive flowers are large and of fine form..... 5
- Queen of England**—Grand, pure white flowers of extra large size; specially choice..... 5
- Princess of Wales**—Shaded and stained with mauve on a white ground in the most pleasing manner..... 5
- Isa Eckford**—Creamy white, suffused rosy pink..... 5
- Emily Henderson**—A sport found several years ago in a field of Miss Blanche Ferry and developed until it comes perfectly true; it is the best white in cultivation. It has the same dwarf habit as the Miss Blanche Ferry and flowers are of the largest size and pure white. See illustration in Novelty Pages. Postpaid—Lb., \$1.00; 4 ozs., 30c.; oz., 10c..... 5
- Queen of the Isles**—A beautiful variety; large white flowers handsomely striped and splashed with scarlet and carmine..... 5
- Captain of the Blues—Large Flowered.** Effective and handsome; broad, bright, pure blue wings, slightly shaded with mauve, standard being a deep rich purple touched with rose..... 5
- Cardinal**—Intense crimson carmine; wings deep red purple; one of the brightest reds of all..... 5
- Apple Blossom**—Pinkish rose, wings blush; well named..... 5
- Adonis**—Charming rosy-pink color..... 5
- Boreatton**—One of the best dark sorts; rich maroon or chestnut with lighter wings tinged with blue..... 5
- Indigo King**—Maroon purple, blue wings; large, distinct and fine shape..... 5
- Painted Lady**—Rose and white..... 5
- Princess Beatrice**—Rich carmine rose; very desirable..... 5
- Pure White**—Flower snow white; medium size, with full broad wings; a reliable grower and bloomer..... 5
- Crown Princess of Prussia**—Blush tinted with salmon..... 5
- Scarlet Invincible**—Flowers large, rich scarlet pink; blooms profusely..... 5
- Butterfly**—Laced with delicate blue on white ground..... 5
- Blanche Burpee**—A white-seeded, pure white of exquisite form and immense size, having a bold, rigid, upright, shell-shaped standard of great substance; is a wonderfully profuse bloomer, and absolutely free from the objectionable notch so conspicuous in Queen of England and Emily Henderson. It usually bears three flowers on a stem; a very chaste variety, and by far the finest Sweet Pea ever produced. (Mr. Eckford's own description.) Oz., 40c..... 10
- American Belle**—New. Clear bright rose and white; wings of crystal white with bright purplish-carmine spots. Flowers very large and of great substance. Oz., 40c..... 10
- Mrs. Sankey**—White, with a delicate tinge of shell pink; of largest and finest form..... 5
- Fairy Queen**—White, with delicate crimson veins in standard; a beauty..... 5
- Lottie Eckford**—White standard suffused with crimson, and wings blue edged..... 5
- Delight**—Standards white, very softly suffused with crimson; wings white..... 5
- Countess of Radnor**—Pale mauve standards; wings pale lilac; very fine..... 5
- Eckford's Gilt Edge Mixture**—Possesses the same delicious perfume as the ordinary varieties, but the flowers are double the size, more perfect in form, and present combinations in markings and colors heretofore unknown. Lb., \$1.10; ¼ lb., 30c.; oz., 10c..... 5
- Eckford's Fine Mixed**—Lb., 60c.; ¼ lb., 20c.; oz., 10c..... 5
- Our Own Mixture**—None surpass this make-up from finest new sorts. Postpaid—Lb., \$1.10; ¼ lb., 35c.; oz., 15c..... 10
- Fine Mixed—All Sorts and Colors.** Lb., 50c.; ¼ lb., 20c.; oz., 10c..... 5

HARDY SWEET PEAS. PERENNIAL OR EVERLASTING.

- (Lathyrus Latifolius)**—Perennial climbers, suitable for trellises, arbors, etc. They die down every year and start again in the spring; hardy perennial; 5 to 6 feet. Either ROSE, WHITE or MIXED, each, per packet..... 5
- Splendens**—(Pride of California)—Brilliant rosy red..... 10

BEWARE OF CHEAP MIXTURES

offered. A half pound CHOICE MIXTURE gives far more satisfaction than a half dozen pounds of CHEAP STUFF, MADE UP "TRASH" (old peas and discarded old kinds with small, poor colored flowers).

SALVIA—(Flowering Sage).



Sweet Williams.

Gorgeous plants, with spikes of intensely vivid scarlet flowers; flower spikes are numerous and 10 to 12 inches in length. Continue to flower profusely all summer, and until killed by late frosts. Of the easiest growth, and should be in every garden. 1/2 oz., 50c.; 3 pkts., 25c. 10

SWEET WILLIAM—(Dianthus Barbatus).

A very beautiful class of plants of extreme richness and diversity of color. They have been greatly improved of late years; 1 1/2 feet; hardy perennials. 5
Fine Mixed Single—All colors. Oz., 40c. 5
Double Flowering—Mixed; splendid collection. 10

STEVIA.

Very pretty and furnish excellent material for bouquets; suitable for winter or summer; bloom from seed the first year. 5
Serrata—Flowers white, star-shaped; leaves fragrant. 5
Purpurea—Flowers pinkish red; very fine. 5

SWEET SULTAN—(Centaurea Moschata).

A sweet-scented, profuse flowering, showy plant of easy culture, and very effective in shrubbery. Hardy annual. Mixed—Blue, purple and white. 5

SENSITIVE PLANT.

A curious and pretty annual plant; the leaves and foot stalks close and droop at the slightest touch, or in cloudy, damp weather, and during night; easily grown; seed may be started under glass and transplanted to open ground when the weather is warm. A plant or two reserved for the house will afford much amusement during the winter. 5



Sensitive Plant.

SILENE—(Catch Fly).

A showy, early, free-blooming plant; easy culture; growing in any garden soil; colors, red, white and rose. One foot. 5
Choice Mixed—Annual sorts. 5

SMILAX.

Charming tender perennial climber for greenhouse or window gardens; it forms "strings" about six feet long which are extensively used for decorating, and is grown in immense quantities by American florists. The foliage and stems are of a pleasing light green, very graceful; delicate; remains fresh after being cut for several days. 5

THUNBERGIA.

Rapid growing annual climber with pretty flowers of various shades, with a dark center or eye. Finely adapted for vases, hanging baskets, and for piazza decoration; does well indoors or out; profuse bloomer with handsome foliage. Fine mixed, oz., 40c. 5

Very ornamental plants, flowering in spikes, and continues to bloom in open ground until frost, when plants can be removed to the greenhouse and will continue to bloom a long time. Plants may be started in a hot-bed, and transplanted to light, rich soil, about one foot apart. Tender perennial.

Clavenad—Very early; long bloomer; brilliant scarlet. 10

Coccinea Lactea—Pure white. 10

Patens—Brightest and bluest of all flowers. 15

Splendens (Scarlet Sage)—Flowers; flower spikes are numerous and 10 to 12 inches in length. Continue to flower profusely all summer, and until killed by late frosts. Of the easiest growth, and should be in every garden. 1/2 oz., 50c.; 3 pkts., 25c. 10

TORENIA.

Beautiful plants for vases, baskets, etc.; in open ground flowers are produced in great abundance, the plants being covered with one mass of bloom until frost, and also in the winter in the greenhouse. **Fournieri**—Lovely, velvety-blue flowers, with three large spots of darkest blue and a bright yellow throat. 10
White Wings—Pure white with rose throat; very attractive. 10

VALERIANA—(Hardy Heliotrope).

Showy border plants, or for mixing with shrubbery; grows in any garden soil; does well in the shade; produces large crops of flowers. Hardy perennial, that blooms the first season from seed. *Fine for bouquets*; two feet. 5
Mixed—Bright rose, red and white flowers. 5

VINCA—(Periwinkle).

Free-flowering greenhouse perennials with glossy green foliage and beautiful circular flowers; sown early under glass and transplanted in a warm situation, will bloom in the summer; may be potted for the house before frost. 1 1/4 feet. 10
Rosæ—Rose—With dark eye. 10
Rosæ Alba—White—With crimson eye. 5
Alba—Pure White. Pkt., 5c. Mixed Varieties. 5



Sweet Violet.

VIOLET—(Viola Odorata).

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. They are well adapted for border or rock work. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Extensively used by florists for cut flowers. Hardy perennial; 6 in. 10
Blue Sweet Violet. 10
The Czar—Largest flowering and richest colored deep blue Sweet Violet in cultivation. Splendid for forcing. 10
Single White—Very fragrant and free flowering. 10
Mixed, many sorts. 10

VERBENA.

No plant is more generally cultivated than the Verbena, and no plant excels it for masses in beds on the lawn. They flower perfectly well from seed sown in the spring (sown in May, will bloom in August). If started in the house in pots or shallow boxes in winter, they will bloom sooner. Transplant as soon as plants are two inches high, two feet apart each way. Seedlings are stronger and more vigorous than plants from cuttings, and are usually fragrant, especially light colors. 10
Defiance, True—Bright, rich scarlet. 10



Verbena.

Blue Varieties—Showy and distinct. 10
Striped Varieties—Beautiful. 10
Vinosa—Produces many rich purple flowers. 5
Pure White—Large trusses of purest white flowers. 10
Niveni—White, sweet scented. 5
New Golden-Leaved Verbena—Has very effective clear, golden yellow foliage, flowers various colors. 10
New Mammoth—Large Flowered—A superb and distinct class, with flowers of immense size. Our seed is saved from the very best of flowers. 10
Hybrida—Choicest mixed—Saved from the most beautiful named flowers; gives highest satisfaction. 15
Fine, mixed. 10c. Good, mixed. 5
Lemon Verbena (Citriodora)—Sweet, lemon-scented foliage. 10

NEW DWARF VERBENAS.

Of erect, dwarf and compact habit, forming a neat bush about 5 inches high and 18 inches across. Colors, white, scarlet and violet. 10
Dwarf White. 10c. **Extra mixed**. 10

WHITLAVIA.

The Whitlavia is a good plant for baskets, vases or pots. A pretty plant with delicate, handsome foliage, producing a constant succession of bright blue, pure white and violet large bell-shaped flowers in drooping clusters. Sow seed in open border early in spring. Hardy annual; one foot high.

Fine—Mixed..... 5

WALL FLOWER.

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in winter, and planted out in May. Much prized for bouquets. Half hardy perennials.

Single Large Flowering Mixed—All colors..... 5

Finest Double Large Flowering Mixed—All colors..... 10

XERANTHEMUM.

Everlasting Flowers—Very desirable for winter decoration; of neat, compact habit, free flowering and of the easiest cultivation. The leaves are covered with a silvery down, and the flowers are pure white, deep purple and yellow; an easy grown hardy annual. Two feet.

Double Mixed—All colors..... 5

YUCCA.

Erect and noble plants, with long, narrow, sharp-pointed leaves, with a peculiar tropical aspect. Is a hardy perennial and grows in any soil. Three feet.

Filamentosa—Is the hardiest and will endure the winter in most parts of the country. Sends up a strong flower stem in the middle of summer, bearing a large spike of creamy-white very large bell-shaped flowers..... 10

ZINNIA.

One of the most brilliant annuals, and a general favorite; its splendid double flowers rivaling in beauty, size and form moderate sized Dahlias.

Double Snowball—Double, pure white, dwarf and compact..... 5

Dwarf Fireball—Double, fiery-scarlet..... 5

Golden Yellow—Flowers large, of perfect shape and of a clear golden yellow..... 5

Zebra—A very pretty strain of striped flowers. As the colors vary on each plant they present a curious as well as beautiful appearance... 5

Curled and Crested—A new and beautiful strain of this popular plant, with large double flowers of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. *A magnificent variety of colors and beautiful shades*..... 10

ZINNIA—Continued.



Zinnia.

Giant Flowering—Grows a handsome bush, 3 feet in height, and the mammoth, perfectly formed double flowers measure 5 to 6 inches across, of intense and brilliant colors; *mixed*..... 5

Double Mexican (Haagenna)—Of decided merit; close and vigorous in habit, nearly covered with pretty golden yellow double flowers. Keeps its color when dried as winter flowers..... 5

Double Liliput—Bush covered with flowers of fine form, smaller than the ordinary Zinnia; flowers borne on long stiff stems; valuable for bouquets..... 5

Double Large-Flowering—Mixture of many colors; fine strain; cone-shaped..... 5

Double Dwarf Mixed—Compact bushes, not over 12 inches high..... 5

Double Pompon—Charming, long, very double flowers, excellent for florists' use. *Finest mixed*..... 5

ORNAMENTAL GRASSES.

Very beautiful, and extensively used in the arrangement of winter bouquets and in other house decorations. Should be cut while fresh and green, and hung in a dry and airy place in the shade. All best varieties, mixed, including Pampas, Feather, etc. Three packets, 25 cents..... 10

WILD FLOWER GARDEN.

Each packet contains a great variety of pretty flowers of easy growth. The mixture will be found to be both interesting and useful. Interesting because new flowers open daily, "and you know not what a day may bring forth." It will be found very useful, for here you may get your bouquets without fear or favor, whenever you choose, and thereby save those in beds or borders; also especially adapted for producing a display on large borders, or sowing along woodland walks, for hiding an unsightly fence or stump, etc., and will convert any dreary spot into a wilderness of bloom and fragrance. Ounce, 25c.; quarter-pound, 75c.; pound, \$2.50..... 10

SPECIAL MIXTURE OF FLOWER SEEDS—

Much pleasure is derived from watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seeds and cannot fail to give satisfaction. The packets are liberal in size, and in no other way can so many seeds be obtained for so little money.

Fragrant Annuals—A mixture made from seeds of fragrant flowers, giving rich perfume throughout the day and evening; some are suitable for cutting..... 10



Mixed Everlastings—A great variety of attractive Everlastings. Large packets, three for 25c..... 10

Flowers for Bouquets—This mixture contains seeds producing flowers suitable for cutting for vases and bouquets, nearly all having long stems, and will furnish a constant supply of cut flowers throughout the whole season..... 10

Mixture of Climbers—A packet of seeds containing over twenty beautiful annual climbers, useful for covering out-houses, trellises, etc..... 10

50c.—A Superb Flower Seed Collection—50c.

90 Cents' Worth for 50 Cents.

Consisting of one packet each, as follows:

Sweet Peas.....	10	Annual Pinks.....	5
Verbena Hybrida.....	15	Sweet Mignonette.....	5
Phlox Drummondii.....	5	Superb Asters.....	10
Fancy Pansies.....	25	Mixed Poppies.....	5

A NEW COXCOMB—Rare and Beautiful, 10c.

Each Variety is a Choice Mixture of the Best Colors of All the New and Rare Kinds, and are Prepaid by Mail for 50c.

All Lovers of Flowers Should Try This Collection.

60c.— Trial Box of Flower Seeds — 60c.

20 CHOICE VARIETIES. Free by Mail for SIXTY CENTS.

This Box contains TWENTY FULL SIZED PACKETS of the most popular and beautiful Annual Flowers, including the Best Strains of Asters, Balsams, Pansies, Poppies, Petunias, Phlox, Zinnias, Pinks, Sweet Peas, etc. Also Fragrant and Other Flowers for bouquets. The assortment affords a great variety at a very low price, and includes a careful selection of choice and popular kinds.

THREE of these Collections for ONLY \$1.50.

PLANT Collections



**50c. EACH,
BY MAIL.**

Collection Numbers.

- 1-10 Beautiful Everblooming Roses, all colors and splendid varieties.
- 2-4 Charming Tea Roses, 4 Fine Hardy Roses, and 2 Climbing Roses. This makes an elegant collection.
- 3-3 Lovely Tea Roses, 3 Fine Hardy Roses, 2 Different Climbing Hardy Roses, 2 Pretty Japan Fairy Roses.
- 4-5 Superb Hardy Roses and 5 Fine Hardy Climbing Roses. This will make a fine outdoor garden.
- 5-10 Lovely Pure White Roses. Fine cemetery plants. Tea and Everblooming varieties.
- 6-10 Choice Double and Single Geraniums. Will make a very nice bed.
- 7-4 Double Geraniums, 4 Single and 2 Sweet-Scented Geraniums. A fine collection for a small garden.
- 8-3 Double Geraniums, 3 Single Geraniums, 3 Fragrant Geraniums and 1 Ivy Geranium.
- 9-2 Silver-Leaved Geraniums, 2 Double and 2 Single Geraniums, 2 Fragrant and 2 Ivy Geraniums.
- 10-10 Chrysanthemums of the new large flowering kinds; all different and all labeled correctly.

Collection Numbers.

- 11-10 Choice Carnation Pinks—large, double and sweet-scented.
- 12-5 Splendid Varieties of Carnations, and 5 Nice Sweet May or Scotch Pinks.
- 13-10 Lovely Flowering Begonias. This makes a choice collection of these beautiful house plants.
- 14-10 Coleus—the best and most distinct varieties of the newer kinds.
- 15-10 Fuchsias—double and single; specially selected for window decoration.
- 16-10 Foliage Plants, viz: 3 Coleus, 3 Achyranthus, 3 Alternantheras, and 1 Acalpha.
- 17-3 Heliotropes, 3 Feverfew, 3 Hibiscus and 1 Asparagus Tenuissimus.
- 18-2 Hibiscus, 2 Moon Vines, 2 Violets, 2 Heliotropes, and 2 Coleus.
- 19-1 Hardy Rose, 1 Tea Rose, 1 Double Geranium, 1 Single Geranium, 1 Sweet-Scented Geranium, 1 Hibiscus, 1 Heliotrope, 1 Feverfew, 1 Begonia, and 1 Carnation.
- 20-2 Tea Roses, 2 Heliotropes, 2 Sweet-Scented Geraniums, 2 Violets, and 2 Carnations—our Famous Sweet-Scented Collection.

..... FIVE UNNAMED 50 CENT COLLECTIONS.

- 21-12 Lovely Tea Roses—all different.
 22-6 Fine Hardy Roses and 6 Splendid Hardy Climbing Roses.
 23-6 Double Geraniums and 6 Single Geraniums—no two alike.

- 24-13 Beautiful Chrysanthemums, which will be a surprise to you in their strange forms and lovely colors.
 25-12 Choice Carnation Pinks—all colors.

\$1.00 SIX MAGNIFICENT TRIAL OFFERS OF PLANTS. \$1.00
 PLEASE ORDER BY THE NAME OF SET OR COLLECTION.

THE GEM ROSE COLLECTION.

20 Roses. A Large Bed of Ever-blooming Roses \$1.00, postpaid.

For \$1.00 we will send by mail, postpaid, to any post office, the "Gem Collection," comprising Twenty Beautiful Ever-Blooming Roses, in twenty different varieties, each one labeled and carefully selected to suit your locality. If you want beautiful Rose Buds all summer, plant this set. If there is no room in the front yard, plant in the garden, which is a capital place to grow roses for flowers. In ordering say "The Gem Rose Collection."

THE PRIZE CHRYSANTHEMUM SET.

20 Prize Winners for \$1.00, postpaid.

This collection includes the most desirable varieties that brought prizes at the different shows in November, and goes over the entire range of color, form and size. If you desire to be up to date in Chrysanthemums try this collection.

THE CHAMPION GERANIUM SET.

20 Beautiful Selected Geraniums for \$1.00, postpaid.

Remember this is not a set of Geraniums picked up from any surplus we may happen to have, but contains the choicest varieties—both double and single, in every shade of this useful flower—and you cannot fail to be pleased with it.

OUR CHARMING FUCHSIA COLLECTION.

20 Elegant Double and Single Fuchsias for \$1.00, postpaid.

This charming set of house plants is well worthy a trial. Nothing will add so much to your window decorations as a fine variety of Single and Double Fuchsias. Give it a trial.

THE CREAM CARNATION COLLECTION.

In 20 Varieties for only \$1.00, postpaid.

This set of Fragrant Carnation Pinks will give pleasure and satisfaction during the fall months—being planted out during summer they can be taken up in the fall to flower in the house all winter.

THE ALL-ROUND PLANT COLLECTION.

The make-up of this collection gives you a nice assortment of plants for both window and garden. If you only get this \$1.00 offer you will be charmed and pleased.

- | | |
|----------------------------|--|
| 2 Lovely Tea Roses. | 2 Brightest Colored Geraniums. |
| 2 Fine Flowering Begonias. | 2 Distinct Sweet-Scented Geraniums. |
| 2 Sweetest Heliotropes. | 2 Charming Single and Double Fuchsias. |
| 2 Handsome Hibiscus. | 2 Fragrant Carnations. |
| 2 Beautiful New Coleus. | 2 Prize-Winning Chrysanthemums. |

All this Collection of Plants for \$1.00, postpaid.

SUMMER FLOWERING BULBS.

THE SUMMER FLOWERING BULBS AND PLANTS for spring planting are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all the summer and autumn flowers. At the prices here given we send by mail, postpaid, to your post office, except as noted, unless specially ordered otherwise. When Bulbs, Roots or Plants are sent by express, at purchaser's expense, we can usually send much larger stock and more safely packed. When Seeds and Bulbs or Plants are ordered together, the seeds and bulbs not injured by frost will be sent at once, and the tender bulbs as soon as possible without danger of injury from cold weather.

AMARYLLIS.

Lily-shaped flowers of great beauty, varying in color from white and rose to the deepest crimson; a vigorous grower; blooms freely, often twice in a season. We offer none but the best varieties, and at very reasonable prices.

Atamasco—Pretty open trumpet-shaped flowers, changing in color from rosy pink to white as they expand. Each, 15c.; dozen, \$1.00.

Formosissima (Jacobean Lily)—Flowers of a deep velvety crimson color; handsome and very striking. A great favorite. Each, 15c.

Johnsonii—One of the best sorts. Strong growing and free-blooming. Flowers large, crimson, striped with white. Bulbs very large and strong. Most popular. Each, 60c.

Treata (Fairy Lily of the South)—Fragrant pure white flowers. Very pretty and of easy culture. Each, 10c.

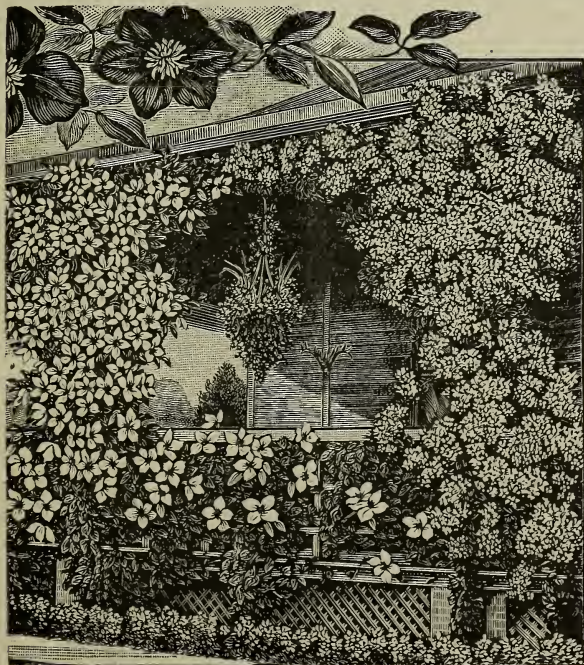
APIOS TUBEROSA.

A hardy tuberous-rooted climber, closely resembling the common Wisteria in vine and foliage, and having clusters of deep purple flowers which have a strong violet fragrance. Plant the bulbs near a trellis, fence, tree, or any place where you may wish a climber. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and need not be taken up over winter. A vine so sure to grow and give satisfaction should be in every garden. Each, 10c.; 3 for 25c.; 7 for 50c. Extra Large, Fine Bulbs, 10c. each; 3 for 25c.

AMPELOPSIS.

Veitchii (Japan, or Boston Ivy)—The finest climber we know of for training over walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, deep green heart-shaped leaves in summer, which take on, in the fall, the bright autumn colors. It likes a rich soil; quite hardy, but requires a slight protection in winter in our climate. Strong Plants, 25c. each; 3 for 60c.

Quinquifolia (American Ivy, Virginia Creeper)—A perfectly hardy climber of rapid growth. Fine for covering walls or unsightly objects. Each, 20c.; 3 for 50c.; 6 for \$1.00.



CLEMATIS.

Caladium-Esculentum.

Elephant Ear Plant.

This splendid foliage plant has given perfect satisfaction to all who have planted it—far exceeding the expectations of many. It is a plant well worthy of cultivation, filling a place which no other plant does, adding greatly to the beauty of the lawn or garden by its immense tropical-like foliage. The plants attaining a height of from four to six feet; the leaves being veined and variegated with different shades of green, when massed alone or with Cannas they produce a most striking and beautiful effect. They are of easy culture, and will grow in almost any garden soil, but if especially large plants are wanted they should be planted in a well enriched soil and given an abundance of water throughout the season.



Price of Choice Bulbs—By mail (postpaid) according to size, 20c., 40c., 60c., each. By Express (not prepaid)—Small Bulbs, 10c. each; doz., \$1. Medium Bulbs, 25c. each; doz., \$2. Large Bulbs, 50c. each; doz., \$4.50.

CLEMATIS.

The justly proud queen of all climbers, with its beautifully varied flowers, which are produced from June until October. Rapid growth. It delights in rich soil and a sunny position. Perfectly hardy, and when well established is a profuse bloomer.

Jackmanii—Dark purple. Very free bloomer, and the best and most popular species. Strong Plants, 60c. Very Strong Plants, 75c.

Lucie Lemoine—Fine double white. Each, 75c.

Henryii—One of the best. Robust habit, free bloomer, large, finely formed flowers of a beautiful creamy white. Strong plants, each, 75c.

Duchess of Edinburgh—A free flowering double white variety with medium sized flowers. Each, 50c.

Flammula—Flowers small, white and very fragrant; ornamental foliage. One of the best for covering trellises where a thick, dense shade is wished. Very hardy. Each, 20c.

Sieboldi—An extra fine new variety; flowers very large, of a beautiful lavender shade. A very strong growing sort, which is in great demand. Each, 75c., postpaid.

Coccinea—Bell-shaped flowers, bright coral red; blooms from June until frost. A rapid grower; very free bloomer. Each, 20c.; 3 for 50c.

Viticella Kermesina—A strong grower, with pretty foliage and red flowers. Suitable for verandas and trellises. Two-year-old Plants, 50c. each.

BEGONIAS.

Tuberous-Rooted—The tubers which we offer are of the very best quality, and with proper care will give a beautiful display early in the summer. For growing in pots or boxes in the house, plant in rich, sandy soil; give good drainage and water freely after the leaves start, but do not let the soil become sour or logged from over watering. If it is desired to have a bed outdoors, select a shady, moist situation, making the bed rich with thoroughly rotted manure and leaf mould, if obtainable. Plant as soon as danger from frost is over. After the plants start into vigorous growth keep well watered. If planted in a proper situation no plant in cultivation will give a more magnificent display throughout the summer.

SINGLE VARIETIES—Large, Well Ripened Tubers.

White.....	Each.	Doz.	Yellow	Each.	Doz.
Rose.....	15	\$1 50	Scarlet.....	15	\$1 50
Pink.....	15	1 50	Mixed, splendid variety 10	15	1 00

DOUBLE VARIETIES.

Scarlet.....	Each.	Doz.	Yellow.....	Each.	Doz.
White.....	35	\$3 25	Mixed, many varieties.	20	2 00
	35	3 25			

CANNAS.

The Canna is one of the most beautiful of all foliage plants, and has long been a great favorite, but since the introduction of the new French varieties their value has been greatly increased by adding to the already attractive foliage large flowers of the most brilliant colors, and now this is the leading foliage plant known to florists, the foliage differing in the different varieties from a splendid bronze to light and dark green, and the flower from a bright yellow to a dark red; also in variegation and mixtures. Plants grow from two to ten feet high, according to the kind. Below will be found the Cream of the List.

Large Flowering Dwarf French Varieties.

Alphonse Bouvier—Luxuriant grower, foliage bright green, flowers a vivid crimson; a profuse bloomer. Four feet. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Madam Crozy—Flowers large, flaming scarlet, bordered gold; very fine foliage, an excellent green; one of the most dwarf sorts. Three feet. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Captain P. De Suzzoni—One of the very best yellow Cannas for bedding; blooms large, slightly mottled with scarlet. Strong grower. Light green foliage and of medium height. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Francois Crozy—Foliage green; flowers salmon with yellow edge; free bloomer. Four feet. Each, 15c.; 4 for 50c.; 9 for \$1.00.

Paul Marquant—Very profuse bloomer; very large flowers of salmon tinted with carmine; foliage green; of dwarf growth, and is one of the best for greenhouse culture, as well as for bedding. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Star of 'or—Flowers dazzling scarlet, and produced in great quantity. Foliage green. Three feet. Valuable for bordering purposes when larger varieties are used in the center. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Miss Sarah Hill—Foliage green; flower spike upright; flowers good size, carmine crimson; fine bedding variety. 4½ feet. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Charles Henderson—A splendid compact dwarf grower, with erect compact heads of bloom of large size; individual flowers are among the very largest. Flowers bright crimson, center marked with gold pencillings. Very fine foliage. Very profuse bloomer. New, and one of the handsomest and best ever introduced. 3½ feet. Each, 25c.; 3 for 60c.; 6 for \$1.00.

Florence Vaughan—The most striking yellow spotted Canna ever introduced. Lemon-yellow, spotted with bright red. Free bloomer, with large spikes of handsome flowers. Foliage massive and light green. 5 feet. This grand variety is most distinct and beautiful. Each, 30c.; 4 for \$1.00; 9 for \$2.00.

Egandale—New, dwarf, dark bronze foliage; large, bright cherry-red flowers of good form and substance; one of the very best dark foliage sorts. Four feet. Each, 25c.; 3 for 50c.; 5 for \$1.00.

J. D. Cabos—Rich maroon foliage. Flowers large and round; color deep apricot with deeper shading. Its novel color attracts the attention of every one. 4½ feet high. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Paul Burt—Foliage bronze; flowers scarlet. 4 feet. Each, 15c.; 4 for 50c.; 9 for \$1.00.

Paul Bruant—Foliage dark green; orange-scarlet flowers. Very fine. Each, 20c.; 3 for 50c.; 7 for \$1.00.

Perfection—Foliage green; flowers golden yellow. Four feet. Each, 15c.; 4 for 50c.; 9 for \$1.00.

Admiral Coubert—Green foliage; yellow flowers, spotted crimson. Four feet. Each, 15c.; 4 for 50c.; 9 for \$1.00.

Antoine Crozy—Green foliage, flowers crimson. Four feet. Each, 15c.; 4 for 50c.; 9 for \$1.00.

Mixed Dwarf French Varieties—2 for 25c.; 4 for 50c.; 10 for \$1.00; 50 for \$3.25; 100 for \$5.50.

TALL CANNAS.

Robusta—With good cultivation grows 10 feet high, with immense leaves 4 x 1½ feet, of dark bronze and green colors. Each, 15c.; 4 for 50c.; 10 for \$1.00.

Discolor—Bronze leaf; red flower. 5 feet. Each, 15c.; 4 for 50c.; 10 for \$1.00.

Mixed Tall Growing Varieties—2 for 25c.; 5 for 50c.; doz., \$1; 50 for \$3.25; 100 for \$5.50.



Cinnamon Vine.

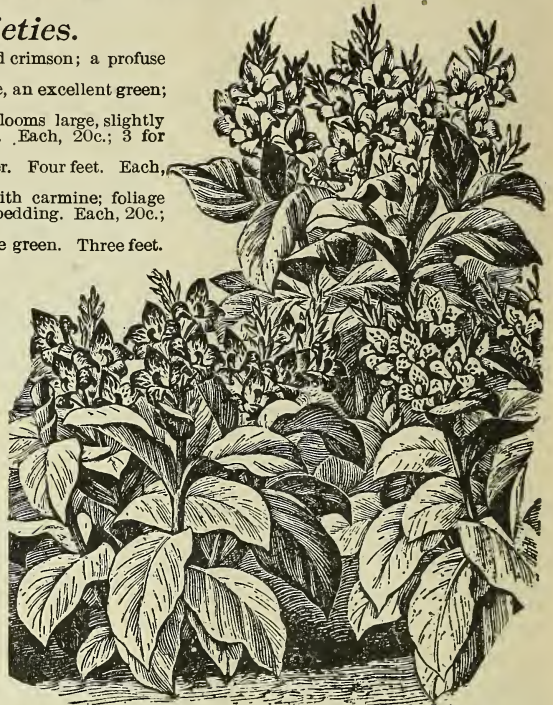
tubers are two feet long at two or three years of age. Good Roots—10c.; 3 for 25c.; 15 for \$1.00.

Brenningsii—Variegated—Broad green foliage, ornamented with broad bands of yellow; red flowers. Four feet. Each, 15c.; 4 for 50c.; 10 for \$1.00.

Ehemanni—Distinct; large oval soft green leaves and immense carmine-red flowers on long stems. Six feet. Each, 15c.; 4 for 50c.; 10 for \$1.00.

CINNAMON VINE.

This beautiful climber possesses the rare quality of emitting from its lovely white flowers the delightful odor of the cinnamon. It is perfectly hardy, the stem dying down every autumn, but growing up again so rapidly in the spring as to completely cover a trellis or arbor very early in the season. Grows 15 to 20 feet in an almost incredibly short time. One of the most desirable climbers. The



GLOXINIAS.

One of the choicest bulbs for pot culture. Flowers trumpet-shaped, with the most beautiful tints and markings; shaded and spotted with rose, violet, blue or crimson. Fine bulbs, each, 25c.; 5 for \$1.00; doz., \$2.00.

HONEY SUCKLES.

Aurea Reticulata—A variety with beautifully variegated foliage; the leaves are netted and veined with clear yellow; flowers yellow and fragrant. Each, 15c.

Chinese Twining—Blooms at intervals through the summer and retains its foliage late into winter; flowers nearly white. Each, 15c.

Halleana—White, changing to yellow; very fragrant; blooms from June to November. Each, 15c.

Monthly Fragrant—A fine, rapid growing variety; the flowers are large and very fragrant; color red and yellow; a constant bloomer. Each, 15c.

Scarlet Trumpet—A strong, rapid grower; blooms very freely the entire season; bright red trumpet-shaped flowers. Each, 15c.

CYCLAMEN.

This well-known plant is only adapted for house culture in our climate, but for winter flowering it has but few superiors. Plant in rich, light soil, and water sparingly until it begins vigorous growth, after which it may be treated like other house plants. The pretty variegated foliage and bright flowers, together with its long blooming season, render it a favorite wherever grown. Each, 20c.; 6 for \$1.00.

DUTCHMAN'S PIPE—(Aristolochia Sipo).

A magnificent hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers, resembling in shape a miniature pipe; splendid for archways or verandas. 35c.



GLADIOLUS.

These fine summer and fall flowering bulbs produce blooms which embrace every shade of color, and some of them are marvels of beauty. Great improvements have been made in this flower during the past few years. They are of easiest culture and produce their brilliant spikes the first year. As soon in the spring as the ground is sufficiently warm and dry, make plantings at intervals of two weeks during the spring months, whereby a succession of bloom will be had. In the fall the bulbs can be taken up and stored over winter in a dry place. Our prices include prepayment, unless otherwise noted.

Mixed Gladioli—The bulbs we offer are of the finest quality, and no better mixtures can be had, where fine colors and distinct markings are desired.

Our Extra Fine American Hybrids, Mixed colors—Prepaid, dozen, 50c. By express (not paid), 50 for \$1.50; 100 for \$3.00; 200 for \$5.00.

All Colors—Fine mixed—Prepaid, dozen, 50c. By express (not prepaid), 50 for \$1.25; 100 for \$2.25; 200 for \$4.00.

Lemoine's Large Flowering Hybrids—Butterfly Gladiolus—This brilliant class is distinguished by the rich and vivid coloring of its flowers. The blotch is the typical and remarkable feature of this variety. **Fine mixed varieties**—Each, 6c.; 3 for 15c.; doz., 50c. **Extra fine mixed**—Each, 10c.; 3 for 25c.; dozen, 90c.

GLADIOLUS—(Separate Colors).

	EACH.	DOZ.	25
White and Light —Extra choice mixed, none dark	5c.	50c.	90c.
White and Light —Choice mixed seedlings and named sorts, mixed	5c.	45c.	85c.
Light Colors —No red or dark colors, mixed	5c.	45c.	85c.
Various Shades of Pink —Extra choice mixed	5c.	45c.	85c.
Various Shades of Red —Extra choice mixed	4c.	30c.	50c.
Various Shades of Yellow —Extra choice mixed	6c.	50c.	90c.
Various Shades of Scarlet and Pink with White Throats —Mixed	6c.	50c.	90c.
Striped and Variegated —Extra choice mixed	5c.	45c.	85c.

NAMED GLADIOLUS.

New Snow White—Undoubtedly the best White Gladiolus in cultivation. Large in size, and pure white. Each, 20c.; 3 for 50c.; dozen, \$1.60.

Sunshine—The best yellow ever produced. Strong, upright grower with enormous spikes of large flowers of much substance; color pure, rich yellow. Each, 20c.; 3 for 50c.; dozen, \$1.60.

Martha Washington—Light yellow, lower petals slightly tinged rose; large flowers and fine spikes. Each, 10c.; 3 for 25c.; dozen, 75c.

Gen. Phil. Sheridan—Long spike of fire-red flowers, of large size, a distinct white line running through each petal, and a large pure white blotch on the lower; a remarkably showy variety. Each, 15c.; 3 for 35c.; dozen, \$1.25.

Lord Byron—Brilliant scarlet; blotched and flaked pure white; very showy. Each, 10c.; 3 for 25c.; dozen, 75c.

Shakespeare—White, very slightly suffused with carmine-rose; large rosy blotch. Each, 10c.; 3 for 25c.; dozen, 90c.

NAMED BUTTERFLY GLADIOLUS.

W. E. Gumbleton—Flowers very large and open; purplish rose, streaked with rich carmine; spots velvet, surrounded with yellow; an unusually beautiful variety. Each, 8c.; 3 for 20c.; doz., 70c.

Marie Lemoine—Fine open flowers, creamy flushed salmon lilac; lower petals marked violet and yellow. Each, 6c.; 3 for 15c.; dozen, 50c.

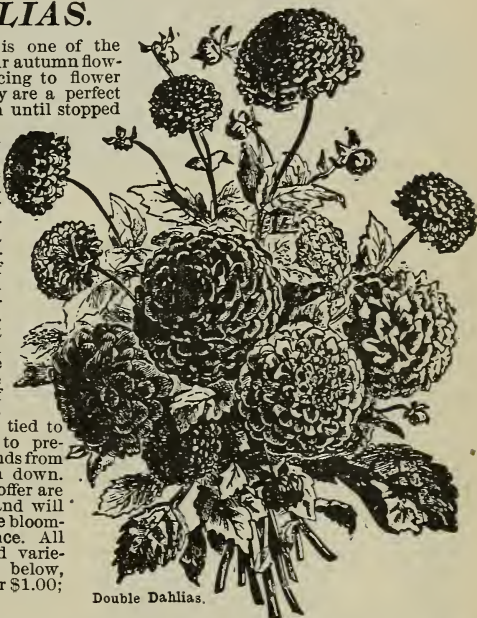
Lemoine—Upper petals are creamy white; lower petals spotted with purplish crimson, bordered yellow and salmon red. Each, 6c.; 3 for 15c.; dozen, 50c.

Lafayette—Flowers large; salmon blotched crimson. Each, 8c.; 3 for 20c.; dozen, 70c.

One each of these four Butterflies for only 25c., Postpaid.

DAHLIAS.

The Dahlia is one of the showiest of our autumn flowers. Commencing to flower in August, they are a perfect blaze of bloom until stopped by frost in autumn. Especially fine for cut flowers. We know of nothing more showy for table decoration than a loosely arranged bunch of long-stemmed Cactus or Single Dahlias. They delight in a deep, rich soil. Should be planted three and one-half to four feet apart, and be tied to heavy stakes to prevent strong winds from breaking them down. The tubers we offer are of good size and will make fine large blooming plants at once. All the fine named varieties described below, each 20c.; 6 for \$1.00; 12 for \$1.75.



Double Dahlias.

A. D. Livoni—Finest of pinks, finely formed and very handsome. 3 ft. high.

Lydia Dieter—A beautiful soft lavender shade, one of the most attractive colors in the collection. 3 ft. high.

Lucy Fawcett—Straw color fluted with scarlet and purple, a desirable variety. 4½ ft. high.

Miss Dodd—Purest yellow of exquisite form and color, remarkably handsome flower. 3 ft. high.

Nero—Dark purple, each petal deeply edged with pure white, small open center, very rich. 3 ft. high.

Princess Mathilda—Pure white, a large fine formed variety. So prolific that the whole plant appears a solid mass of white. 2½ ft. high.

Vista—Pure white, a very free bloomer with long stems, which makes it desirable for cutting purposes. 4 ft. high.

Patrick Henry—Pure white, beyond all question this is the best white Cactus Dahlia yet introduced; flowers very large and pure in color. 4 ft. high.

Wm. Pearce—Rich orange yellow Cactus Dahlia, a very fine variety for cutting. 3½ ft. high.

Zulu—Cactus Dahlia, almost black, the darkest of all Cactus varieties. Should be in every collection.

Buffalo Bill—A new variety, color golden bronze, richly streaked with vermilion, of immense size. 4 ft. high.

Coraleason—A magnificent flower of perfect Cactus form. Flowers of immense size, color a deep purple lake. Will never show any open center. 4 ft. high.

Columbus—A new introduction of great value. Light cherry, red tipped and shaded pure white. 3 ft. high.

Lucile—A remarkable free bloomer; color pure sulphur yellow; double to the center. 3 ft. high.

Germania Norva—None more admired than this fine variety; color bright pink; petals very heavily serrated. 3 ft. high.

Maid of Athens—Of pure Cactus type and bears flowers in profusion, color the softest shade in pink. 2½ ft. high.

Orine Emerson—A handsome flower on long stem. Color rich dazzling red, shaded light. 4 ft. high.



NEW HIBISCUS—"Crimson Eye."

This elegant strain of Hibiscus, originated after many years of careful selection, is entirely distinct and true from seed. A robust grower with dark red stems and foliage. Flowers immense in size, often twenty inches in circumference; purest white, with a large spot of deep, velvety crimson in the center of each flower. A striking combination of color that must be seen to be fully appreciated. A well developed plant will produce several hundred of these flowers in a season. Succeeds anywhere, and is perfectly hardy, blooming the first year from seed sown in the open ground. The root is semi-tuberous.

PLANTS—One year old, 25c.; 2 for 40c. Two years old, 35c.; 2 for 60c.

SEED—Packet, 10c.; 3 packets for 25c.

MOON FLOWER.

A rapid-growing vine, which will easily cover a surface 25 x 40 feet during the season. At night and during dark days plants are covered with an abundance of large, pure white, fragrant flowers, three or four inches in diameter. One of the most showy of the annual climbers. Fine plants ready May 20. Each, 20c.; dozen, \$1.75.

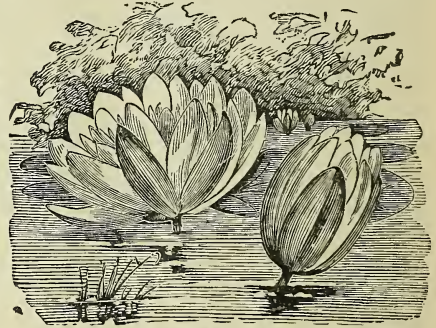
MADEIRA VINE.

Succeeds in almost any soil; of easy cultivation; most excellent for baskets, vases or trellises. Leaves, dark green; bears a small white, fragrant flower. Each, 10c.; 3 for 25c.; doz., 50c.

WATER LILIES.

Water Lilies are becoming more popular every year, and no class of plants are more easily cared for when once established. The cultivation of Water Lilies is very simple. The best soil for growing them is a rich, fibrous loam, with a liberal mixture of well-rotted manure. Rich mud from the bed of a pond or sluggish stream is also good. They may be successfully grown in the open air in tubs, either on the surface or sunk in the ground. Oil barrels cut in two make inexpensive and convenient tubs. About the middle of May put in the loam to the depth of six or eight inches, in which plant the roots, barely covering them. After the roots, put on about two inches of sand to prevent the manure from rising to the top. Fill in six inches of water, set in a sunny place, adding water gradually until the tub is full by the time the leaves have covered the surface, and replenish the water as it loses by evaporation. In winter pour off the water and remove to a cool cellar, or keep from hard freezing by covering with leaves.

White Fragrant (Nymphaea Odorata)—Our native Water Lily. Universally admired on account of its large, fragrant, pure white flowers; when grown in rich mud it will produce flowers six inches and leaves thirteen inches across. **Strong Roots, postpaid**—Each, 25c.; 5 for \$1.00.



Nymphaea Odorata.

LILIES.

The Lily is a favorite flower everywhere. Their culture is simple, and with a little care failure is impossible. The bulbs should be planted in the spring as soon as the frost is out of the ground—the earlier the better. Select a well-drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size.

Speciosum Album—Pure white; fragrant. Each, 35c.; 3 for 90c.

Speciosum Album Præcox—white, slightly rose-tinted; perfectly hardy. Each, 35c.; 3 for 90c.; dozen, \$3.50.

Speciosum Rubrum—Rose, spotted with crimson. Each, 20c.; 3 for 50c.; dozen, \$1.50.

LILY AURATUM.

Lilium Auratum—(The Golden-Rayed Lily of Japan)—This variety, beyond question, is the grandest of all the lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across, are produced abundantly from June to October, and possess a most delicious fragrance; very hardy; the best outdoor lily; 2 to 5 feet. First-size bulbs, 25c. each. Extra large bulbs, 35c. each.



Lilium Auratum.

LILY OF THE VALLEY.

No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. **Strong Flowering Pips, dozen, 50 cents.**

CALLA LILIES.

Ethiopica—A fine, old, well-known house plant, with large, beautiful, pure white flowers, long, yellow spathe, and broad, green leaves. Easy culture, requiring an abundance of water and moderate heat during growing season. Repot in September in rich soil. Each, 25c.; doz., \$2.50.

Spotted Calla—Resembles White Calla, but is of smaller habit. Leaves a glossy deep green with numerous white spots. Ornamental even when not in bloom. Each, 15c.; dozen, \$1.50. Extra large bulbs, 25c.; dozen, \$2.50.

Dwarf Calla, "Little Gem"—It is, indeed, a "pigmy," scarcely ever exceeding one foot in height, yet producing good-sized flowers in great abundance. Bulbs of "Little Gem" are exceedingly scarce. Each, 35 cents.

OXALIS, SUMMER... FLOWERING.

Valuable for edging walks, flower-beds, etc. Bulbs planted three inches apart form rounded rows of delicate foliage, about one foot high, which produce flowers in endless succession.

Lasiandra—Rosy pink. Dozen, 15c.; per hundred, \$1.00.

Deippa—Rosy white. Dozen, 15c.; per hundred, \$1.00.

PASSION FLOWERS.



Mammoth Passion Flower.

Incarната—(Mammoth Passion Flower)—This singular and beautiful climber has a remarkably pretty vine. The large flowers are of a flesh white with purple rays; these are followed by beautiful golden fruits of a delightful flavor. The roots are hardy, although the vine dies down in the winter, but comes up again in the spring. The plants can be potted for winter decoration. **Good Roots**—*Postpaid*—Each, 15c.; 2 for 25c.; 10 for \$1.00.

Constance Elliott—An elegant climbing vine with large pure white, very fragrant flowers. Hardy in open ground if given a light covering. A good window plant, also for cemetery. Each, 15c.; 3 for 40c.

MANETTIA VINE.

A beautiful twining plant, producing very showy tubular flowers from one to two inches in length, and in great abundance; the plants are covered with them the entire season. The flowers are intense fiery scarlet, with bright yellow tip; they are also covered with a moss, or hairy substance, that adds much to their beauty. As a pot plant to train on a trellis, it is unrivaled; grown in this manner, it will bloom for several years; succeeds admirably in open ground. Grows 8 to 10 feet. A plant of rare beauty.

Plants—Each—*Postpaid*—15c.; 3 for 40c.; 8 for \$1.00.

WISTERIA.

Very popular, hardy, rapidly growing to a height of fifty feet or more. It flowers in early spring, and when in bloom it is truly magnificent.

Sinensis, Blue—Color, soft lavender blue. Flowers in masses like a bunch of grapes. Fragrant. **Large Plants**, by express only, at buyer's expense, each, 50c.

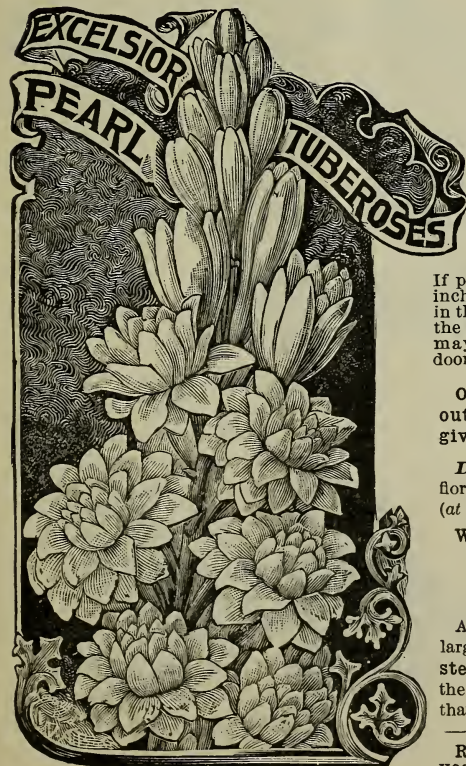
Sinensis, White—Pure white, making a marked, striking and elegant contrast with the blue variety. Each, 35c. Larger plants, by Express, 50c.

PÆONIES.

Double Red—The old well-known double red; flowers crimson satin, large, double and fragrant; blooms very early. Each, 35c.

Double White—Large, fragrant, pure white; always scarce and much in demand. Each, 35c.

TUBEROSES.



One of the most delightfully fragrant and beautiful summer flowering bulbs. The flowers are waxy white, and the sweetest scented that grows. The growing plant is fond of light and heat, and should not be planted outside before April 1st.

If planted in 5 or 6 inch pots and sunk in the ground late in the autumn they may be taken indoors for flowering.

Japanese Snowball.

A new variety of Snowball. Growth upright and compact. Foliage olive green through the summer, but towards fall it turns much darker and remains on the plant for some time after the first frosts. Flowers, though hardly as large as the old variety, are much more numerous. The leaves are in pairs along the stem, and from the base of each leaf a ball of flowers appears. There are often as many as ten pairs of these, or twenty balls on a branch 18 inches long. These balls, as they expand, all face upward, so that a full view of their great beauty is always to be had. To be a universal favorite a shrub must be hardy, easily transplanted, and its growth of good shape, and beautiful both in leaf and flower; the Japan Snowball embraces all of these points to the fullest extent. **Plants**—*Postpaid*—25c.; 5 for \$1.00. **Larger Plants**—40c.; 3 for \$1.00.



Japanese Snowball.

Our Tuberozes are grown and cured with the greatest possible care. Our annual output is many thousands, and on account of increase in trade we know our stock gives satisfactory results.

Double Dwarf Pearl—The flowers are large size and very double. The favorite among florists. **Select Mammoth Bulbs**—*Postpaid*—Each, 8c.; 4 for 25c.; 12 for 75c. *By Express* (at the buyer's expense)—100 for \$2.50; 200 for \$4.00.

Write for Special Prices on Larger Quantities of Tuberozes.

ALBINO—(Tuberose).

A single white Tuberose and is popular. The petals recurve gracefully. The flower spike is large; flowers 30 days earlier than the old single variety, throwing up from two to five flower stems from a single bulb; free from any brown tint; the tube and expanded petals being of the purest waxy white, making a valuable plant for cut flowers. The odor is less heavy than that of the ordinary Tuberose. **Price**—*Postpaid*—Each, 10c.; dozen, 90c.

R. L. Munice, Cannonsburg, Pa., March 29, 1895: "I have used your seeds for twelve years, and they have always given perfect satisfaction."



COLUMBIAN GRAPE

The Columbian Grape

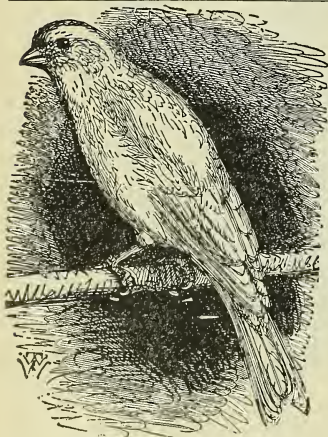
This is that Extra Large, Beautiful Grape which created such a furore at the Ohio, Illinois, Indiana and other State Fairs; also at the Detroit Exposition, and, in short, wherever exhibited. By special arrangement with the originator and propagator we are prepared to offer to our customers, and to the trade generally, choice plants of this valuable fruit. The following claims for the Columbian Grape are fully attested by indisputable authority. This being the home of this wonderful Grape, we have personally had it under observation for the past four or five years, and we can endorse all the claims of the originator and the statements made by others. In introducing this fine new seedling to the general public, an appropriate name was an almost absolute necessity; but as the good qualities of a really good Grape can never be summed up in one word, the originator has chosen to call it by the name of its natal year, "COLUMBIAN," believing that no fruit of the vine, since the discovery of America, has ever been found combining so many wonderful qualities. A brief description of the "Columbian" shows the following points: First—It is the largest Grape ever put on the market. Second—Its clusters are very compact, and its fruit perfect in appearance; color similar to Catawba, but darker. Third—It is a fine table Grape, and excels all others for jelly, rivaling quince in flavor and color. Fourth—It is very productive, and is free from mildew. Fifth—It grows to perfection, North as well as South. Sixth—It is unequalled as a shipper. The "Columbian" is, in short, the Grape for every grower. Ripens between Concord and Catawba, and a fair trial is all that is necessary to prove what is claimed for it.

PRICES (postpaid)—Choice Vines, one year old, each, 60c.; 3 for \$2.00; 6 for \$3.80; 12 for \$7.00. Write for prices on larger quantities. Wholesale prices on 25 or more to parties who want them to sell again. The originators will not supply a vine of this Grape without it bears their seal. **BEWARE**, therefore, of any one offering the Columbian Grape without the seal.

P. M. Kiely & Co., Commission Merchants, St. Louis, Mo.—"The basket of Grapes labeled "Columbian," which you sent us, was duly received, and proved something of a novelty, attracting a great deal of attention from the fruit buyers. It would lend interest to any fruit display on account of its great size. It resembles the Salem very much, but is larger, and this is its chief claim to distinction in our estimation. It is the largest berry we ever saw among Grapes."

The Barnesville Fruit Growers' Union, Barnesville, O.—"The basket of "Columbian" Grapes, received from you, I distributed among our people. All think them very fine and of good quality."

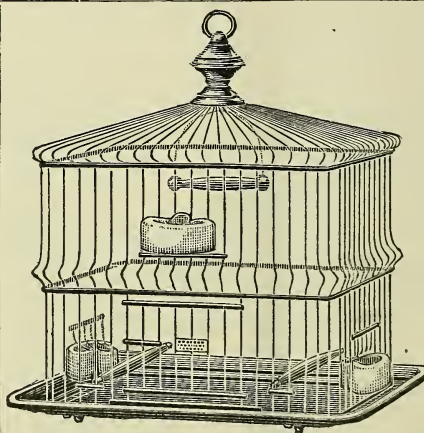
Pletsch & Sutton, Columbus, O.—"Your new Grape is the largest we ever saw; fine color, aroma delightful; splendid for jelly and preserving. The size alone should place the "Columbian" in the front rank of the Grape industry."



— WE SELL —

Imported
German
Canaries.

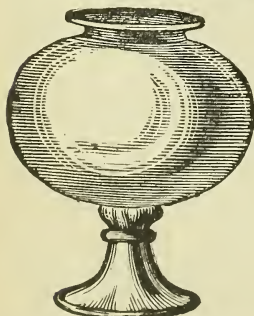
Fine Singers at
Reasonable Prices.



Bird Cages

Of all Kinds, at
all Prices.

CANARY,
PARROT,
RED BIRD.



AQUARIUMS.—All sizes, shapes and kinds at prices that will please.

ROUND GLASS SHADES
For Covering Floral Work, etc. All sizes. Very Reasonable Prices. Write for Price on size you wish.

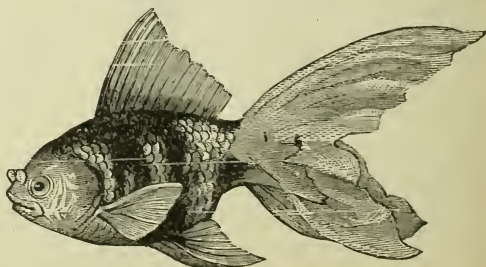
AQUARIUM ORNAMENTS.



All Shapes, from 20c. to 50c. Each.

GOLD FISH.

Fan-Tails and Beautiful Plain Fish, Cheap. Always in Stock.



JAPANESE FAN-TAIL.

FERTILIZERS, INSECTICIDES AND FUNGICIDES.

FERTILIZERS, ETC.

As there is now very strong competition in Fertilizers, we prefer to make a special price to parties wanting it in ton or car lots. Can furnish at prices quoted below, Fertilizers F. O. B. Columbus or Chicago.

FINE RAW BONE—Analysis—Ammonia, 4 to 5 per cent.; Phosphoric Acid, 22 to 24 per cent.; Bone Phosphate, 48 to 55 per cent. A first-class article and an excellent fertilizer for grass land, wheat, etc., but does not give as quick results as phosphates. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags, \$10.00.

GARDEN CITY SUPER - PHOSPHATE—Analysis—Ammonia, 2½ to 3½ per cent. Soluble Phosphoric Acid, 4 to 4½ per cent.; Reverted Phosphoric Acid, 4 to 4½ per cent.; Insoluble Phosphoric Acid, 4 to 4½ per cent.; Actual Potash, 0.54 to 1.08 per cent. Stands without a rival as the largest crop producer at the smallest outlay. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.50; 3 bags for \$10.00.

PURE GROUND BONE—Analysis—Ammonia, 3 to 4 per cent.; Bone Phosphate 40 to 50 per cent.; Phosphoric Acid, 18 to 22 per cent. Every bag guaranteed pure bone and will act quicker than the *Fine Raw Bone*. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags for \$10.00.

POTATO GROWER—Analysis—Ammonia, 3 to 4 per cent.; Available Phosphoric Acid, 7 to 9 per cent.; Sulphate Potash, 4 to 5 per cent. The best value for the money of any special, and too much cannot be said for it, a thoroughly reliable stimulant for the potato crop. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags for \$10.00.

OUR LAWN FERTILIZER—100 lb. box, \$2.00; 50 lb. box, \$1.50; 25 lb. box, \$1.00; 10 lb. box, 50c. For description see Lawn Seed Department.

NITRATE OF SODA—For early vegetable crops, especially where leaf growth is desired, it will produce wonderful results. As the market fluctuates, these prices are liable to change without notice. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25; 200 lbs., \$8.00.

CANADA UNLEACHED HARDWOOD ASHES—Indispensable as a lawn dressing or to apply to orchards. They should be applied late in fall or early in the spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 1,000 to 1,500 lbs. per acre. 50 lbs., \$1.00; per bbl. (about 250 lbs.), \$3.00.

We can furnish the following well-known and valuable Fertilizers: Challenge Corn Grower, Prairie Phosphate, Ralston's Bone Meal and Acid Phosphate, Muriate of Potash, Sulphate of Potash "Kainit." Prices given on application.

LAND PLASTER OR GYPSUM—Used by many potato and vine growers. Excellent to mix with Paris Green, at the rate of 100 lbs. of Plaster to 1 lb. of Paris Green. For the striped bug on melons and other vines, in the evening to a bucket of plaster add one tablespoonful of kerosene; cover close and apply next day. This will be found very effective and cheap. Per barrel of about 300 lbs., on cars, \$1.75; 5 barrels for \$8.00.

CRUSHED OYSTER SHELLS—Manufactured from good clean shells. Three grades. Fine (for small chicks), Medium and Coarse. All poultrymen use it. 25 lbs., 50c.; 100 lbs., \$1.25.



COARSE GROUND BONE—About the size of wheat or cracked corn, and should be kept within access of poultry. 25 lbs., \$1.00; 100 lbs., \$2.50; 200 lbs., \$4.75.

MICA CRYSTAL GRIT—A nicely granulated rock for poultry, pigeons, ducks and geese. We consider it quite valuable to the poultryman. 25 lbs., 50c.; 100 lbs., \$1.25.

BOWKER'S FOOD PLANT.

FOR HOUSE PLANTS.

Perfectly odorless and clean. Each package contains a pamphlet on the treatment of house plants, with directions for applying the Fertilizer. By express, per package, 25c.; per dozen, \$2.50. By mail, postpaid, box, 40c.

PURE BONE FLOUR for roses and house plants. An article as indispensable to them as the soil in which they grow. Put up in nicely labeled tin boxes, each containing enough for 150 square feet of garden beds; 100 square feet of benches under glass, or 300 to 400 6-inch pots. By Express or Freight, per box, 25c.

INSECTICIDES, FUNGICIDES, ETC.



Trade Mark.

SLUG SHOT.

Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. It does not render injurious the vegetables and fruits on which it is applied, and yet it is probably the best insect destroyer ever offered for the destruction of potato bugs and all worms and insects. It

comes ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plants. For further information send for "Fighting Insects in the Garden." Sent free. Our sales of **Slug Shot double annually.**

PRICES—Barrels, holding 235 lbs. net, 4c. per lb.; 100 lbs., \$4.25; 50 lbs., \$2.25; 10 lbs., 50c.; 5 lbs., 35c. By Mail, postpaid, lb., 30c.; 3½ lbs., \$1.00. Tin canisters containing ½ lb., with perforated top that unscrews, so it can be filled again, 25c. each; by mail, 45c. each.

HAMMOND'S GRAPE DUST—For the prevention and destruction of mildew on plants. **Prices**—5 lb. package, 35c.; kegs of 100 lbs., \$5.00. By Mail, postpaid, 30c. per lb.

HAMMOND'S COPPER SOLUTION—A Concentrated Liquid Fungicide—Prepared ready for immediate use on trees, vines or vegetables affected with rot, blight or scab, with safety to the foliage (the use of the off-hand prepared mixtures of copper are frequently attended with destruction of the foliage); this solution can be handled safely by any ordinary careful person without danger of harm, and will positively do good. Put up in quart cans which must be sent by express or freight, at purchaser's expense. Per can, 60c.

Dusters for Slug Shot or Other Powders—½ gal. size, 30c.; gal., 50c.

FOSTITE POWDER (Fungicide)—Tried and endorsed and recommended by prominent Horticulturists, Fruit Growers and Florists in different sections of the United States. Especially for rose mildew, rot and mildew on grapes *carmation rust*, etc., etc. **IT PROVES TO BE MOST VALUABLE.** Must go by express or freight at buyer's expense. Per box of 5 lbs., 50c.

TOBACCO DUST—Very effective, being leaves and not ground stems; much used on cabbage and in vegetable hot-houses. Lb., 10c. (by Mail, postpaid, 30c.) By Express, 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.25.

PARIS GREEN—¼ lb., 15c.; ½ lb., 20c.; lb., 35c. By Mail, 15c. lb. extra.

TOBACCO STEMS—For fumigating plants infested with green fly, etc. Per lb., 15c.; bbl., \$1.00.

TOBACCO AND SULPHUR—Destroys rose bugs, lice, cut worms, vine bugs, tomato worms, currant worms, cabbage lice and parasites of all descriptions. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines. Mix thoroughly with earth in pots, or in the hill, one part powder to five parts earth. Easy to apply, and will not burn or injure the plants. Makes dark green foliage and healthy, vigorous growth. Valuable for hot-houses, nurseries, etc. No weed seeds in it. Earthworms will not live where it is used. Trial package, ½ lb., 25c.; 2 lbs., 75c., by Mail, prepaid.

BORDEAUX MIXTURE—For black rot, downy mildew and anthracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungus diseases. 20 lb. package (50 gals. wash), \$1.00.

PYRETHRUM PERSIAN INSECT POWDER, OR BUHACH—Very destructive to all kinds of insects, such as roaches, ants, fleas and other insects on plants and animals. A very little will do the desired work. Oz., 10c.; ¼ lb., 20c.; lb., 50c. By Mail, 15c. lb. extra.

WHALE OIL SOAP—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. **Price**—15c. per lb.; 2 lbs., 25c. If by mail, add 15c. per lb. for postage.

For insects on plants, dissolve ¼ lb. to a gallon of water; apply with syringe and spraying pump. For bark insects, etc., dilute with water to consistency of thick paint and apply with brush.

HELLEBORE, POWDERED WHITE—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris green and London purple and safer to use when fruits or vegetables are nearly ripe. ¼ lb., 15c.; lb., 40c.; by Mail, 15c. extra.

Dry Application—Dust on dry or mix 1 lb. with 4 lbs. of powdered lime or flour, dust on with powder duster, or bellows or gun.

In Solution—Dissolve 1 oz. to 3 gals. of water; apply with syringe, pump or vaporizer.

DOG SOAPS—Either Spratt's or Glover's, cake, 25c.; by Mail, 30c.

MEDICINE AND FOOD FOR DOGS, BIRDS, ETC.—Write for what you want.

SPRAYING OUTFITS.

HOWE SPRAYING MACHINE—One of the best machines on the market to-day for the money. It is a very strong and durable force pump with nickel-plated brass cylinder 3½ inches in diameter, attached to a strong 30-gallon cask mounted on a light two-wheel carriage. Nicely balanced; one person can wheel and handle it.

Main Machine, with 5-foot discharge hose, one nozzle with spray and fire tips..... \$15 00

Pump, without barrel or wheeled carriage, with 5-foot discharge hose, one nozzle with spray and fire tips..... 8 00

EXCELSIOR KNAPSACK SPRAYER—Just the thing for gardeners and fruit growers for spraying Cabbage, Vines, Plants, etc., for bugs and rot..... 12 00

GARFIELD KNAPSACK SPRAYER—Made entirely of brass and copper. The tank holds five gallons, has brass pipe 15 inches long and Combination Vemorel nozzle attached..... 10 50

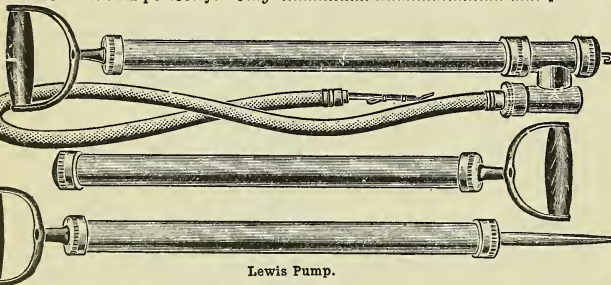
VEMOREL SPRAY NOZZLE—Postpaid..... 1 25

MYERS' BUCKET BRASS SPRAY PUMP—With Agitator, complete with hose. Combination Fine and Coarse Spray and Solid Stream Nozzle. This Spray Pump is constructed of

brass, and is not affected by the poisonous arsenites used for spraying. It is arranged so that the heavy work is done on the down stroke of the plunger and nothing on the up. It is thus very easy to operate, and has extraordinary power. Will throw a solid stream 50 feet and is of unusual value for washing windows, etc. For spraying it is arranged so that it discharges a fine jet in bottom of bucket to keep the solution thoroughly mixed and agitated. The pump is provided with a combination nozzle, and also with a sprinkler for flowers, and will throw a spray as fine as mist, or as coarse as required. Price, complete..... 5 00

LEWIS COMBINATION FORCE PUMP.

A Spraying Pump, Agricultural and Veterinary Syringe all combined. Works perfectly. Only..... \$5 00



Lewis Pump.

We can also supply Hose, Brass Pipe, Couplings, etc., at market prices; also some other Pumps, Sprayers, etc., at regular prices. Send for Our Special Spray Circular.

SYRINGES—BRASS GREENHOUSE AND GARDEN SYRINGES. Useful for all horticultural purposes, and are fitted with caps for roses, for ejecting water



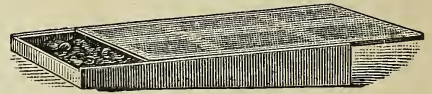
Syringes.

in one stream or dispersing it in the most gentle manner, or with great force, when required. Specially adapted for cleansing plants and flowers from those destructive insects which are so injurious to them, by means of whale oil soap, tobacco juice, etc. Strongly made from the best quality of brass, finely polished, elegant appearance, not liable to dent or injury, and if properly cared for will last a lifetime.

- Send only by express at expense of the purchaser.
- Letter A—One stream and one spray Nozzle..... \$2 00
 - Letter A—“ “ “ (unpolished)..... 1 50
 - Letter B—“ “ “ “..... 2 50
 - Letter C—“ “ “ “..... 3 25
 - Letter G—(New Sample)—A cheap syringe with Angle Joint will do the work of a more expensive syringe. Open rose syringe, barrel 16 inches by 1½ inch in diameter. One spray and one stream rose, side attachment and fixed elbow joint. The fixed elbow joint can be detached from the end of the barrel at will, and the syringe used in the ordinary way..... 4 50
 - Letter H—Cheap, new, all brass, 18 x 1½ inches; strong, durable, fills quick, discharges perfectly..... 2 00
 - Letter K—Size smaller..... 1 50

PLANT BED CLOTH.

A PROTECTING CLOTH of water-proof fiber; an excellent substitute for glass in forwarding all kinds of plants in the early spring; safer, as it protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable it can be sent into sections where it would be difficult to get sash. We sell thousands of yards of this cloth annually, and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.



Prices—Heavy Grade, per yard, 12c.; by the piece, per yard, 10c.; Medium grade (best for general purposes), per yard, 10c.; by the piece, per yard, 8c. Light grade, per yard, 5c.; by the piece, per yard, 4c.

Mail Prices—Customers at a distance who wish to try a few yards can have it sent by mail, postpaid, as follows: Light, 8c. per yard. Medium, 15c. per yd. Heavy, 21c. per yd. Samples mailed free on application.

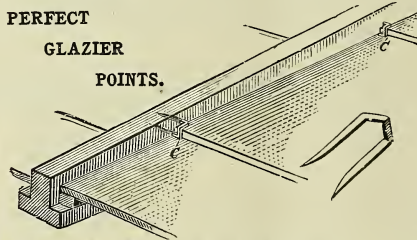
RAFFIA. IMPORTED. BEST GRADE. Gives better satisfaction than anything else for tying plants, asparagus bunches, etc. Light, neat, strong, durable and very cheap. Lb., 25c.; 10 lbs., 20c.

White Cotton Twine. For tying Herbs, Radishes, Beets, Celery, Onions, Salsify, etc. Lb., 20c.

JUTE. For tying Vegetables, etc. Lb., 15c. (Twine, Jute and Raffia sent by mail, add 15c. per pound postage.)

GARDEN LINES—100 feet Braided Linen, 40c. Cotton, 25c.

PERFECT GLAZIER POINTS.



Van Reyper Perfect Glaziers' Points.

Endorsed by leading Florists and Glaziers. Try them and you will use no other. Made of Steel Wire and Galvanized. No

Rights and Lefts. Price, per box of 1,000, 60c.; by mail, 75c. In lots of 5,000 by express, 55c. Pincers for driving the Points, 50c.; by mail, 60c.

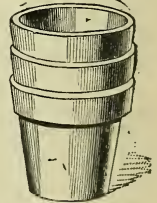
BUSHEL BASKETS. Standard bushel size, strong and durable. Doz., \$1.75; each, 15c. Must be sent by freight.

LABELS. Painted Pot Labels. Best made. Put up in packages of 1,000 each.

Size	Per 1000	Size	Per 1000	Size	Per 1000
3 inch	\$0 50	4½ inch	\$0 70	8x7½ in. (500pkg)	\$3 50
3½ "	60	5 "	90	10x1½ "	4 25
4 "	65	6 "	1 10	12x1½ "	4 75

FLOWER POTS. Must go by freight. Standard Pot.

	Per 100	Per 500
2 inch	\$0 75	\$4 00
3 "	1 00	5 00
4 "	1 60	7 50
6 "	2 75	11 00
7 "	3 50	
8 "	4 50	
	9 00	



Sphagnum. Fine, clean Sphagnum for florists' use. Give it a trial. (Bales weigh 40 pounds.) Price, per bale, \$1.40.

WIRE—Annealed. Subject to change.

- No. 24.....per lb., 15c. 12 lbs., \$1 00
- No. 26....." 18c. " 1 10
- No. 28....." 20c. " 1 25
- No. 36....." 30c. " 2 10

WOOD FIBER VASES. For Florists' Use in Displaying Cut Flowers.

Finished in deep, rich Brown Glaze. Absolutely Waterproof. Largely used by Florists and others for displaying cut Flowers. Can be used for many purposes. More desirable than glass or earthen, because they are light, strong and will not break if dropped. Pay for themselves in a short time. Have Appearance of Polished Mahogany. Cannot be sent by mail.

No. 0—8 inches in diameter, 13 inches deep.....Each \$0 40
 No. 1—5½ " " " ".....Each 35
 No. 2—4½ " " " ".....Each 30
 No. 3—4 " " " ".....Each 25
 No. 4—3 " " " ".....Each 20

Half Dozen in Crate.

FLORISTS—Write for Special Prices on the above Articles in Quantity.

At Prices given below Tools, etc., must go by Freight or Express at Buyer's Expense unless Otherwise Noted.

LAWN MOWERS.

Our New RIVAL and RIVAL HIGH WHEEL.

THE BEST MOWERS MADE.

For simplicity, durability and quality of work they are unequalled. For lightness of draft they excel by a large percentage than any other mowers. Send for circulars for fuller description.



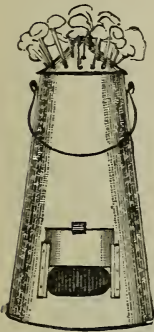
OUR NEW RIVAL.		RIVAL HIGH WHEEL.	
12 inch.....	each, \$3.25	14 inch.....	each, \$5.25
14 ".....	" 3.50	16 ".....	" 5.50
16 ".....	" 3.75	18 ".....	" 5.75

Must go by Freight or Express.

FUMIGATOR.

Made of the Best Galvanized Iron.

For House 10 x 20 feet.....	\$1 25
For House 12 x 40 ".....	2 00
For House 15 x 100 ".....	2 50
For House 20 x 100 ".....	3 50



Eureka Fumigator. And..... 1 00

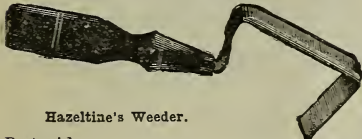
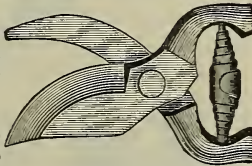
PRUNING SHEARS.

The Best Made.

Very strong. Best Steel blades and an excellent Spring.

TWO SIZES.

Price.....\$0 90



Hazeltine's Weeder.

Postpaid.....30c.

HAZELTINE'S HAND WEEDER.

In general use over the country. Blade is solid steel, tempered, seven-eighths inch wide and one-eighth inch thick, sharpened on all edges.

By Express.....20c.

THE BEE WEEDER.

For the care of Onions, Beets and small Vegetables, Flower Beds and House Plants, by means of which all grass and weeds can be easily removed. Universally commended by all. Postpaid, 15c.; 2 for 25c.



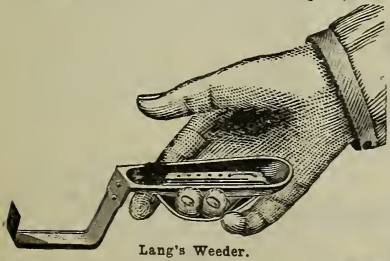
The Bee Weeder.

LANG'S... WEEDER.

Each.....	\$0 20
Dozen.....	2 25

EXCELSIOR WEEDER.

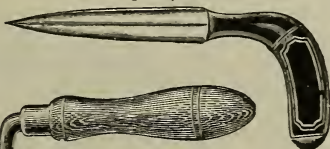
A very useful tool for weeding seed beds, stirring soil in hot-beds, cold frames, etc. By mail, postpaid, 25c. By express, 15c.



Lang's Weeder.

DIBBLE.

GARDEN DIBBLE—Postpaid, 50c. each. By express, 35c. each, 3 for \$1.00.

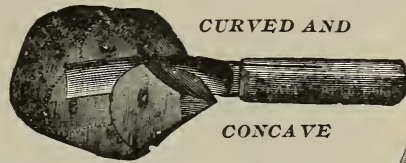


DISSTON'S GARDEN TROWEL.

Best and strongest } Disston's Garden Trowel.....6 inch, 40 cents
Trowel made } " " " ".....7 " 50 "

DEAN'S MOLE TRAP.

This is one of the most effective of all traps. It is easily adjusted and never fails to get the mole when properly placed. Directions for setting on each trap. By express, not prepaid, price \$1.25.



CURVED AND CONCAVE

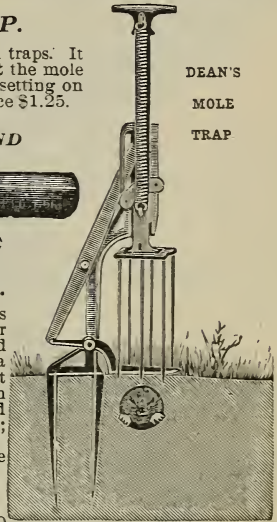
SEED POTATO KNIFE.

Everybody is well pleased with this knife. It is thin, and will cut one, two or three eyes in a piece easier, better and faster than in any other way. Give it a fair trial, and if you are not satisfied that it will pay you to cut your potatoes with it, return it to us and we will refund your money. Price (postpaid) 30cts.; 6 for \$1.50.

Please note how this knife may be had FREE on page 62.

HALE'S MOLE TRAP.

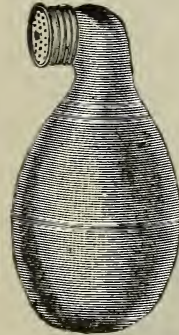
The best trap made.....\$2 00



DEAN'S MOLE TRAP

SPRINKLERS.

PERFECTION SPRINKLER—This is a most excellent Rubber Sprinkler. The spray may be forced in any direction with these side nozzle bulbs. Also made with straight nozzle, as in Scollay's Sprayer. Both sizes in Black or White Rubber—either style for same price. No. 1, 75c.; postpaid, 85c. No. 2, \$1.00; postpaid, \$1.10.



SCOLLAY'S RUBBER SPRINKLER—Indispensable for floral work. Beware of cheap imitations. We are sole Columbus agents. Large size, postpaid, each, 85c.; medium size, 70c.; small size, 60c.



TRYIAN SPRAYERS, Rubber.

Price each, postpaid.

Small.....70c

Medium.....80c

Large.....95c



Cleves' Angle Trowel. \$3
Cleves' Dibber No. 3.



CLEVES' GARDEN TROWELS AND DIBBERS.

STEEL ANGLE TROWEL.

No. 1, 8-in. (tempered and polished).....	\$0.40
No. 2, 7-in., Bright Steel.....	30
No. 3, 5-in., Bright Steel.....	20

STEEL DIBBERS.

No. 1, Flat Blade, 10x4 ins.....	\$1.25
No. 2, Flat Blade, 9x2 1/2 ".....	1.00
No. 3, Round, 8x1 1/2 ".....	80
No. 4, Flat Blade, 7x1 1/2 ".....	50

THERMOMETERS—Hot-bed thermometer, 75c.; green-house thermometer, 25c.; incubator thermometer, 75c. *Cannot be sent by mail.*

EAGLE PRUNING SHEARS—The well-known two-handle shears. Light and powerful. The best made. No. 1, \$2.50; No. 2, \$2.25.

KNIVES—Budding—75c. to \$1.25. Pruning—\$1.00 to \$1.40.

TELEGRAPH TREE PRUNER—No handle, but has threads on the inside of socket, and can be screwed to the end of a pole of any length. \$1.50.

PRUNING SAW—Double edge, 16-in., 60c.; 18-in., 70c.; 20-in., 80c.

PRUNING SAW AND CHISEL—Combined—\$1.00.

TURF EDGERS—For trimming edges of walks—75c.

THISTLE OR WEED CUTTERS—For cutting thistles, docks, or other weeds out of lawns, etc., without breaking the surface of the lawn. 50c.

HOES—(Scuffles)—5-inch, 55c.; 6-inch, 60c.; 7-inch, 65c. Handles 15c. extra.

HEDGE SHEARS—Three sizes: \$1.50, \$1.75 and \$2.00.

BELLOWS—For dusting plants with sulphur or like material. Two sizes; each \$1.00 and \$1.25.

SCOLLAY'S PUTTY BULB—For glazing hot-bed, greenhouse sash, etc., with liquid putty. Price, \$1; postpaid, \$1.10.

CYCLONE AND CHICAGO SEEDERS—Best seeders made for sowing clover, timothy, etc. Cyclone (crank), each, \$1.50. Chicago (fiddle bow), each, \$1.25. *Must go by express.*

THE NEW "PLANET JR." No. 3 HILL DROPPING SEED DRILL

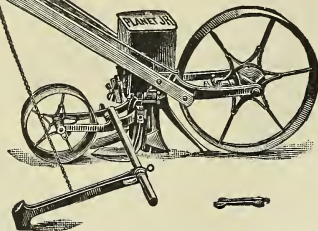
SOWS EITHER IN HILLS OR IN CONTINUOUS ROW.

Until recently there was no such thing as a Hill Dropping Seeder, the most modern Drills sowing continuously only, but the demand for a machine that could be adjusted to sow in hills was very great.

This Drill will sow in a continuous row in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either four, six, eight, twelve or twenty-four inches apart. It opens the furrow, drops in hills or drills, covers, rolls down, and marks the next row, all at one operation.

The hopper holds three quarts. The wheel is thirteen inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed, such as radish, cabbage, etc., which are so often peeled or crushed by Drills having agitators or metal wheels. It is nicely adapted to all conditions of land, working especially well in fresh ground or when planting on a ridge. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation. This is the first year that this machine has been offered widely by the manufacturers of the celebrated line of "Planet Jr." goods, but the machine has been tested thoroughly by careful Gardeners and Nurserymen during the season of 1895, and the manufacturers guarantee it to give entire satisfaction. Price \$9.00.

NEW - -
"PLANET JR."
No. 3
Hill Dropping
Drill.



Planet Jr. Double Wheel Hill Dropping Seed and Fertilizer Drill.

Holds two quarts and sows all kinds of seeds with the greatest regularity. Sows in drills, also drops in neat hills either four, six, eight or twelve inches apart. Can be changed from hill to drill dropping or throw in or out of gear in a moment, and will drop in neat hills either four, six, eight or twelve inches apart. Can be changed from hill to drill dropping or throw in or out of gear in a moment, and will drop in neat hills either four, six, eight or twelve inches apart. Can be changed from hill to drill dropping or throw in or out of gear in a moment, and will drop in neat hills either four, six, eight or twelve inches apart. Our net price with Fertilizer Attachment, \$14.00. Our net price without Fertilizer Attachment, \$10.00.

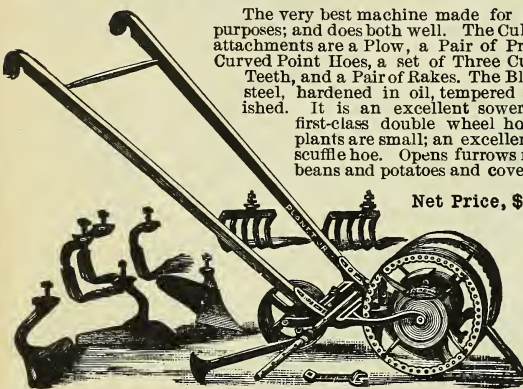
not sow when run backwards. speak of it in highest praise. either above or below the seed.

The sowing can be stopped instantly at the end of the row, so that none need be wasted. The Fertilizer Sowing attachment works in a perfect manner, sowing any desired quantity, and the fertilizer can be placed

PLANET JR. COMBINED SEED DRILL AND CULTIVATOR.

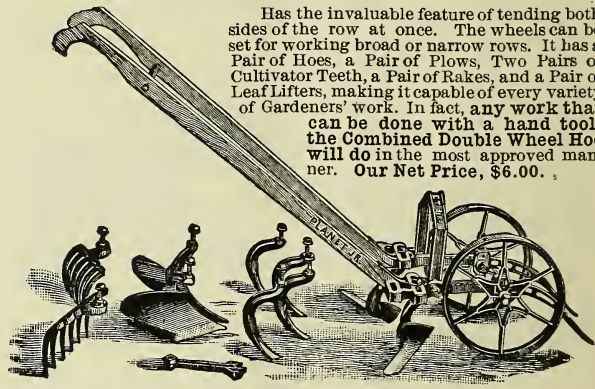
The very best machine made for the two purposes; and does both well. The Cultivating attachments are a Plow, a Pair of Protecting Curved Point Hoes, a set of Three Cultivator Teeth, and a Pair of Rakes. The Blades are steel, hardened in oil, tempered and polished. It is an excellent sower, and a first-class double wheel hoe while plants are small; an excellent wheel scuffle hoe. Opens furrows for corn, beans and potatoes and covers them.

Net Price, \$9.00.



PLANET JR. DOUBLE WHEEL HOE AND CULTIVATOR.

Has the invaluable feature of tending both sides of the row at once. The wheels can be set for working broad or narrow rows. It has a Pair of Hoes, a Pair of Plows, Two Pairs of Cultivator Teeth, a Pair of Rakes, and a Pair of Leaf Lifters, making it capable of every variety of Gardeners' work. In fact, any work that can be done with a hand tool, the Combined Double Wheel Hoe will do in the most approved manner. Our Net Price, \$6.00.

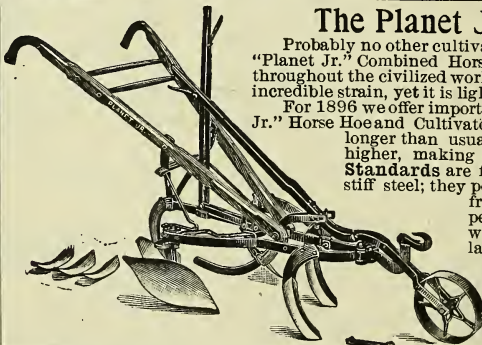
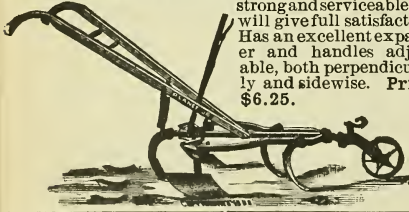


PLANET JR. No. 2 SEED DRILL.

Same as the Planet Jr. Combined Seed Drill and Cultivator above, excepting that it has no cultivating attachments and it has a larger seed hopper. Sows garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row, all at one passage. Holds 2½ quarts. Remarkable for ease and perfection of work. Weight, 40 pounds. Our Net Price, \$6.50.

The Planet Jr. No. 5 Horse Hoe.

This Tool is similar to the No. 8 Horse Hoe, but it has a plain wheel instead of one operated by a convenient lever. It has the same standards and teeth, but is made in other respects like the popular 1895 pattern. It does not have the improved depth regulator and the expander and braces of the No. 8, yet it is strong and serviceable and will give full satisfaction. Has an excellent expander and handles adjustable, both perpendicularly and sidewise. Price, \$6.25.



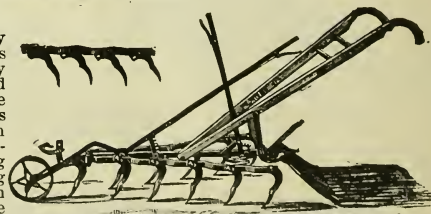
The Planet Jr. No. 8 Horse Hoe.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

For 1896 we offer important improvements in our No. 8 "Planet Jr." Horse Hoe and Cultivator as described below: The Frame is longer than usual and about one and one half inches higher, making a tool that will not clog easily. The Standards are framed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The Depth is under perfect control by means of a new lever wheel, and the new patented depth regulator, which are moved instantly in unison by a single lever. The Expander. This is an entirely new pattern, superior to all other forms, exceedingly strong, simple and accurate. Price, \$7.25.

Planet Jr. 12-Tooth Harrow.

This comparatively new tool has rapidly grown into favor with Market Gardeners and Strawberry Growers. It is carefully made and finished, has a high frame, and the chisel shape teeth cut an inch wide each, and may be worn down three inches before that width is lessened or the teeth worn out; even then they are cheaply replaced. It may be set with teeth trailing



by simply changing one bolt in each tooth. The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth, it expands to 32 inches. It cultivates deep without throwing earth upon the plants and the smooth, round-throated teeth turn strawberry runners without injuring them. Price, Plain, \$4.50; With Wheel, \$5.75; Complete, \$7.00.

PLANET JR. SINGLE WHEEL HOE AND CULTIVATOR—Illustrated and described in Catalogue mentioned above. Our Net Price, \$4.50.

FIRE-FLY SINGLE WHEEL HOE CULTIVATOR AND PLOW COMBINED—Illustrated and described in Catalogue mentioned above. Our Net Price, \$3.75.

PLANET JR. PLAIN DOUBLE WHEEL HOE AND CULTIVATOR—Illustrated and described in Catalogue mentioned above. Our Net Price, \$3.50.

FIRE-FLY WHEEL GARDEN PLOW—Illustrated and described in Catalogue mentioned above. Our Net Price \$2.00.

The Aspinwall Potato Planter.

A GREAT LABOR SAVER AND MONEY MAKER.

Write for Circulars and Prices.

This wonderful machine does all the work automatically, and in one operation, of planting, including marking, dropping and covering, and the operator has only to look after his team. It is fully guaranteed and has been tried and tested in all possible conditions of planting, and its great record as a successful machine has never been surpassed by any other labor-saving implement.

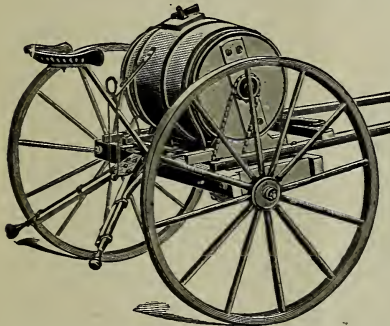
IT DOES

The work of ten men.
A range of work impossible to other machines.
Its work thoroughly, economically and rapidly.
It marks, furrows, drops and covers the seed all in one operation.
It plants from 3 to 9 inches deep and covers uniformly.
It plants whole or cut seed 10, 13, 15, 17, 21 and 26 inches apart.
It plants from 5 to 8 acres per day with one man and team.
It is the best machine of its kind ever invented.
The greatest labor saver of modern times, and the best money maker the grower can find.

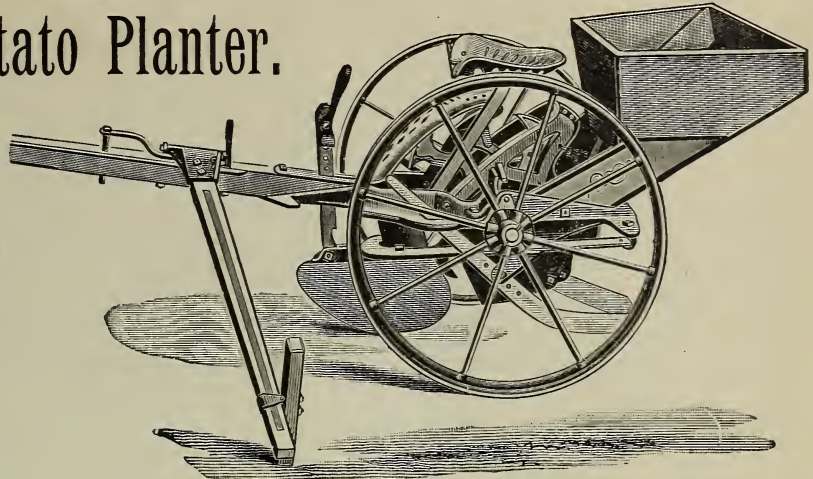
WITH FERTILIZER ATTACHMENT.

In many localities it is necessary to use some kind of a fertilizer for the soil, in connection with potato growing, and this machine affords the best possible way of distributing it.
It distributes from 200 to 1,500 pounds to the acre, and deposits the fertilizer just where needed.

ASPINWALL SPRINKLER FOR PARIS GREEN.



YOU know what the Bugs will do, therefore get ready for them.
This machine applies Paris Green, London Purple and Bordeaux Mixture (to prevent blight) to the potato vines, and two rows from 20 inches to 3 feet apart can be sprinkled at a time and 10 to 15 acres covered in a day.
The poison is evenly mixed and uniformly applied, and the machine can be used also for spraying cabbage and other plants.
Price, f. o. b. cars, here, \$25.00.



Aspinwall Potato Planter.

The Attachment is readily attached to or detached from the machine, and it can be used for distributing fertilizer for various other small crops.

WITH DISC COVERERS.

This machine is intended for those growers who prefer to ridge up high and plant quite deep. The Disc Coverers accomplish that purpose readily, and they may be used to make a ridge on which cabbage, strawberry plants, etc., can be set out.

The Disc Coverers can be attached to any Aspinwall Potato Planter made within the past five years.

ASPINWALL POTATO CUTTER.



Cutter Complete.

You don't know what a good thing you miss, if you fail to provide yourself with this cutter.

It is a most convenient, handy and valuable little machine.

It cuts the potatoes, divides the eyes and removes the seed ends.

Don't fool away your time in the old way.

Price of Aspinwall Potato Cutter, on board cars here, \$10.00.



Bed of Knives showing manner in which Potato is Cut.

WRITE US FOR SPECIAL PRICES ON ASPINWALL POTATO PLANTERS, CUTTERS AND SPRINKLERS.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

LBS. PER BU.		LBS. PER BU.		LBS. PER BU.			
Beans, Dwarf, in drills.....	60	2 bus.	Grass, Kentucky Blue.....	14	2 to 3 bus.		
Beans, Pole, in hills.....	60	10 to 12 qts.	Grass, Orchard.....	14	1 1/2 to 2 bus.		
Beets, Table, in drills.....	60	5 to 6 lbs.	Grass, English Rye.....	24	1 to 1 1/2 bus.		
Beets, Mangel Wurzel.....	46	5 to 6 lbs.	Grass, Red Top.....	14	2 bus.		
Broom Corn, in hills.....	46	8 to 10 qts.	Grass, Timothy.....	45	1 peck.		
Buckwheat.....	48	1 to 3 pecks.	Grass, Hungarian.....	48	1 bus.		
Cabbage—beds to transplant.....	14	1 lb.	Grass, Lawn.....	14	4 bus.		
Carrot, in drills.....	60	4 lbs.	Melon, Musk, in hills.....	2	to 3 lbs.		
Clover, Red.....	60	20 lbs.	Melon, Water, in hills.....	1	to 2 lbs.		
Clover, White.....	60	12 to 15 lbs.	Oats, broadcast.....	32	2 to 3 bus.		
Clover, Alsike.....	60	10 lbs.	Onion, in drills.....	4	to 5 lbs.		
Clover, Lucerne or Alfalfa.....	60	20 lbs.	Onions, for Sets, in drills.....	40	to 60 lbs.		
Corn, in hills.....	56	8 to 10 qts.	Onion Sets, in drills.....	6	to 12 bus.		
Corn, for fodder.....	56	3 bus.	Farnsip, in drills.....	4	to 6 lbs.		
Cucumber, in hills.....	2	lbs.	Peas, Round, in drills.....	60	2 to 3 bus.		
					Peas, Wrinkled, in drills.....	56	2 to 3 bus.
					Peas, broadcast.....	3	bus.
					Potatoes (cut tubers).....	60	8 bus.
					Pumpkin, in hills.....	1	lb.
					Radiish, in drills.....	8	to 10 lbs.
					Rye, broadcast.....	56	1 1/2 to 2 bus.
					Salsify, in drills.....	8	to 10 lbs.
					Spinach, in drills.....	10	lbs.
					Squash, bush, in hills.....	3	to 4 lbs.
					Squash, running, in hills.....	2	to 3 lbs.
					Sugar Cane.....	12	lbs.
					Tomato, to transplant.....	1/4	lb.
					Turnip, broadcast.....	1	lb.
					Turnip, in drills, 1 oz. to 250 feet of drill.....	1 1/2	lbs.

NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.

DIS. APART.	NO. PLANTS.	DIS. APART.	NO. PLANTS.	DIS. APART.	NO. PLANTS.	DIS. APART.	NO. PLANTS.
12 x 3 inch.....	522,720	30 x 1 inch.....	209,088	42 x 12 inch.....	12,446	8 x 1 foot.....	5,445
12 x 3 ".....	174,240	30 x 6 ".....	34,848	42 x 24 ".....	6,223	8 x 3 ".....	1,815
12 x 12 ".....	43,560	30 x 12 ".....	17,424	42 x 36 ".....	4,148	8 x 8 ".....	680
16 x 1 ".....	392,040	30 x 16 ".....	13,068	42 x 42 ".....	3,556	10 x 1 ".....	4,356
16 x 1 ".....	348,480	30 x 20 ".....	10,454	48 x 12 ".....	10,890	10 x 6 ".....	726
18 x 3 ".....	116,160	30 x 24 ".....	8,712	48 x 18 ".....	7,790	10 x 10 ".....	435
18 x 12 ".....	29,040	30 x 30 ".....	6,970	48 x 24 ".....	5,445	12 x 1 ".....	3,680
18 x 18 ".....	19,360	36 x 3 ".....	58,080	48 x 30 ".....	4,356	12 x 5 ".....	736
20 x 1 ".....	313,635	36 x 12 ".....	14,520	48 x 36 ".....	3,630	12 x 12 ".....	302
20 x 20 ".....	15,681	36 x 18 ".....	9,680	48 x 48 ".....	2,723	16 x 1 ".....	2,722
24 x 1 ".....	261,360	36 x 24 ".....	7,260	60 x 36 ".....	2,901	16 x 16 ".....	170
24 x 18 ".....	15,520	36 x 30 ".....	5,808	60 x 48 ".....	2,178		
24 x 24 ".....	10,890	36 x 36 ".....	4,840	60 x 60 ".....	1,743		

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A 25-Acre Field of Livingston's First in Market Peas.



Photographed June 1st for Messrs. J. M. Kennedy & Co., of Wichita, Kansas, showing a portion of their 25-acre Pea Field, planted with "Livingston's First in Market Peas." At the time 170 people were engaged in picking over 6,000 half bushel baskets of very fine Peas (4 car-loads), and yet this was hardly a half crop, being greatly damaged by dry hot weather and many days of very high winds, which destroyed one half of the blossoms and laying the Peas flat on the ground. Hence they could not be picked but once. But, sirs, we are respectfully yours for a larger and better crop of the "First in Market Peas" next year (1896).
J. M. KENNEDY & CO.

W. A. Brown, Westminster, O., writes: "How is this? I picked 103 bushels of First in Market Peas from the half bushel I bought of you last spring. Got \$1.25 per bushel when others sold for 80c. to \$1.00. They were prize-takers."

Rev. C. B. Hulbert, Zanesville, O., 4-3-95: "I never had finer Peas than last year. I doubt if a Pea can be found to beat the First in the Market."

Wm. J. Price, Tokio, O., 4-3-95, writes: "Seeds received last year were very good. The Livingston First in the Market Peas are the most productive variety we have ever seen. Your extra packets of flower seeds are doing well."

The Daily Telegraph, of Pomeroy, O., May 23, 1895, states that "Mr. Leonard Young brought the finest Green Peas to the market that morning," and the variety was our First in the Market.

See Livingston's First in Market Peas in General Vegetable Seed List, Page 46.

Surpasses every known variety for size and comes early.

COLUMBUS MARKET SUGAR CORN.

PRICE: Post-paid, PKT. 15 cts.
2 PINT 20 cts. PINT 30 cts.
QUART 50 cts.

By Express 4 qts. \$1.00.
PECK \$1.50
BUS \$4.00

Livingston's IDEAL CABBAGE

PRICE: PKT. 10 cts. 1/2 oz 15 cts.;
oz 25 cts.; 4 ozs. 80 cts.; LB \$3.00;
POST-PAID.

For description of these grand varieties, see Novelty List on front pages of this Annual.

1896

LIVINGSTON'S
SEED
ANNUAL

LIVINGSTON'S
BANNER
Potato

